



The Clay Minerals Society

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THE PRESIDENT'S CORNER



Over the years I have attended many conferences in disciplines ranging from chemistry, geochemistry, materials science, and of course clay science. Geochemistry conferences tend to be much more international, which provides us with excellent opportunities for travel and meeting international colleagues. For example, I have attended clay or geochemistry conferences in Canada, France, Germany, Italy, Japan, Switzerland, the UK, and the USA. And since

2020 most of us have attended at least one conference virtually. It will be interesting to see if virtual attendance continues to be an option for scientific conferences in the long term.

With a few exceptions, CMS annual meetings have taken place in the USA, even though members living/working in the USA comprise only about half of our current membership with the CMS. Our annual meeting has been a part of international conferences (e.g., this year's International Clay Conference), but dedicated CMS meetings tend to be held in North America. I encourage CMS members to consider organizing our annual meeting outside of the USA, to reflect our international membership.

Jeffery Greathouse, CMS President

CMS PROFESSIONAL AWARD 2022 SPOTLIGHT



Young-Shin Jun, the recipient of the 2022 Marion L. and Chrystie M. Jackson Mid-Career Scientist Award, is a professor in the Department of Energy, Environmental & Chemical Engineering at Washington University in St. Louis (USA), where she leads the Environmental NanoChemistry Laboratory (<http://encl.engineering.wustl.edu/>). She received her Bachelor's and Master's degrees in Environmental Science and Engineering from Ewha Womans University (South Korea), holds

Master's and Ph.D. degrees in Environmental Chemistry from Harvard University, MA (USA), and conducted postdoctoral research in nanogeochemistry at the University of California-Berkeley/Lawrence Berkeley National Laboratory, CA (USA). Professor Jun's group investigates many aspects of environmental chemistry and geochemistry, with a special interest in the structure and behavior of clay minerals and their surfaces. In particular, she has conducted extensive research in clay (or layered) mineral-water interactions in energy-related subsurface engineering systems, which can benefit safer CO₂ capture and sequestration, conventional and unconventional oil and gas recovery, hydrogen storage, geothermal energy, and nuclear waste disposal. She also seeks a new understanding and utilization of clay (or layered) materials for purifying drinking water and remediating contaminated water and soil. Her group has utilized powerful spectroscopic and scattering techniques at synchrotron-based X-ray facilities and surface-sensitive approaches to investigate nanoparticle nucleation and nanoscale chemical reactions. She serves on the American Chemical Society (ACS)'s organizational level Committee on Science as Chair of the Science & Technology Subcommittee. She is an editorial board member for *Geochemical Transactions*, *RSC Advances*, *Journal of Hazardous Materials*, *ACS ES&T: Engineering*, *Current Opinion in Chemical Engineering*, and *Scientific Reports*.



Jin-Ho Choy is the recipient of the 2022 Marilyn and Sturges W. Bailey Award. He is currently a chair professor at Dankook University, Korea (2019–present), and an appointed professor at Tokyo Institute of Technology, Japan (2019–present). He received his B.Sc. (1970) in Chemical Engineering from Yonsei University, Korea, and Ph.D. (1979) in inorganic solid-state chemistry from Ludwig-Maximilians Universität München, Germany. He has since held numerous research

positions, including postdoctoral fellow at the Inorganic Chemistry Laboratory, Oxford, England (1980), professor in the Department of Chemistry at Seoul National University, Korea (1981–2004), and distinguished professor and director of the Center for Intelligent Nano-Bio Materials (CINBM) at Ewha Womans University, Korea (2004–2019).

Professor Choy received many awards and recognitions at various stages of his research career. A National Science Award in Chemistry from the Korean Government (2003), a Distinguished Service Knight Medal from the French Government (Chevalier dans l'Ordre des Palmes Académiques) (2003), a Korean Best Scientist Award from the President of Korea (2007), a Proud Yonsei Engineer Award from Yonsei University (2012), and an Academic Award (Sungok) from Korean Ceramic Society (2015) are some of his accolades.

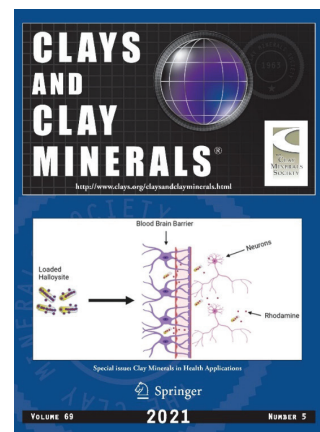
He is a Fellow of the Royal Society of Chemistry, UK (2008). He is also an elected Academician in the World Academy of Ceramics, Italy (2017) and the National Academy of Science in Korea (2018).

His research interests include various clay intercalation compounds with theranostic functions. He works on 2D intelligent materials with imaging and drug delivery functions for gene-, chemo-, and radiation therapies, and various nanohybrids for nanomedicine.

JOURNAL ISSUE HIGHLIGHT

The largest volume of *Clays and Clay Minerals* for several years, totaling 797 pages, closed out in early 2022. This is our second year of publication in conjunction with Springer Nature. Our 'reach' (i.e., the number of readers who can access our content) continues to grow; this is reflected in the increasing number of downloads.

The fifth of sixth issues in 2021 consisted of a set of papers on the topic 'Clay Minerals in Health Applications'. These papers are excellent examples of the rapid extension of how clays can be applied in various ways. Please visit the following link to read them via <https://link.springer.com/journal/42860/volumes-and-issues/69-5>.



CMS MEMBERSHIP RENEWAL

Don't forget to renew your membership!