The 2022 awardees are Jin-Ho Choy and Shin Jun (Pioneer Lecture), and Michael Hochella (Jackson Award). You will hear more about these outstanding scientists in future CMS newsletters.

The 2021 and 2022 CMS awardees were recently announced on our e-mail list as well as on our social media pages. The 2021 awardees are David Bish (Bailey Award) and Hongping He (Jackson Award). The 2022 awardees are Jin-Ho Choy (Bailey Award), Lynda Williams (Brindley Lecture), Michael Hochella (Pioneer Lecture), and Young-Shin Jun (Jackson Award). You will hear more about these outstanding scientists in future CMS newsletters.

The 2021 and 2022 awardees will deliver their presentations at the 2022 Annual Meeting, which will take place with the International Clay Conference, 25–29 July 2022 in Istanbul, Turkey. Please consider nominating a colleague for a 2023 award. The deadline for nominations is 1 March 2022. See the CMS website for details, https://www.clays.org.

Jeffery Greathouse, CMS President

CMS PROFESSIONAL AWARD 2021 SPOTLIGHT

Professor David L. Bish is the recipient of the Marilyn and Sturges W. Bailey Award. He is the Emeritus Haydn Murray Chair of Applied Clay Mineralogy, Department of Chemistry, Indiana University (USA).

David received his PhD from Pennsylvania State University (USA) in 1977, working with Professor G. W. Brindley. He did postdoctoral studies at Harvard University (USA). He was a technical staff member at the Los Alamos National Laboratory (New Mexico, USA) from 1980 to 2003 working on the Yucca Mountain Project. During that time he focused on the mineralogy of Yucca Mountain tuffs and on the changes in mineralogy as a function of time, temperature, and relative humidity/saturation.

He moved to Indiana University (USA) in 2003 to take the Haydn Murray Chair of Applied Clay Mineralogy and retired in 2018. He has conducted research on X-ray and neutron powder diffraction, clay minerals, and natural zeolites, and was one of three designers of the CheMin X-ray diffraction instrument currently operating on Mars. Professor Bish has published over 250 peer-reviewed publications and has won several awards for scientific contributions. He served as president of the Mineralogical Society of America, The Clay Minerals Society, the International Natural Zeolite Association, and the International Association for the Study of Clays. He recently spent six months in Naples (Italy), on a Fulbright grant to study ceramics from Pompeii. His current research, conducted in the Department of Chemistry atIndiana University (USA), focuses on the structures of disordered layered materials and the effects of this disorder.

STUDENT RESEARCH SPOTLIGHT

Congratulations to Trevor Dempsey from the Mississippi Mineral Resource Institute, the University of Mississippi (USA), for winning a 2021 CMS Student Research Grant!

Trevor is investigating the origin of an anomalous clay layer present in numerous gravel quarries in the northeastern corner of Arkansas (USA) on Crowley’s Ridge. Crowley’s Ridge is a high-level upland remnant in the northern Mississippi Embayment that is cored with Cretaceous sediments and is capped with Pliocene–Quaternary, paleo–Mississippi River deposits. The clay is considered anomalous because it occurs within high-energy, very coarse, gravel deposits with rare boulders up to 1 meter in diameter. Clasts this large suggest the gravel could be glacial outwash. Using geochemistry and mineralogy, Trevor will test two hypotheses for the origin of this clay: it is either a glacial slackwater lake deposit or it is a weathered volcanic ash. Knowing the origin of this previously undocumented clay could provide a definitive age for the gravels and a better understanding of Crowley’s Ridge. This could also illuminate unknown Neogene paleoclimate trends for the northern Mississippi Embayment.