



Geochemical Society

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NEW MEMBERS JOIN GS BOARD OF DIRECTORS

Seven new members joined the Geochemical Society's Board of Directors in January 2020. These seven, profiled below, represent the society's diverse membership and set the strategic direction of the organization.



Sumit Chakraborty was elected to a two-year term as vice president. He will have responsibility for nominating members to serve on the society's boards and committees and to serve on the Goldschmidt Forum, which governs the annual Goldschmidt Conference. Following his service as vice president, he will begin a two-year term as president of the society in 2022. Dr. Chakraborty is a professor at the Ruhr

Universität at Bochum (Germany) and is director of the central accelerator facility, RUBION, on the campus of the university. He is interested in the timescales of geological and planetary processes and in how processes that occur in a hierarchy of nested timescales are coupled to each other. He uses physical chemistry, in particular kinetics and diffusion, to develop tools for the determination of timescales. His research is based, to an equal extent, on field studies, laboratory experiments and theoretical developments. He is a Geochemistry Fellow and was awarded the Dana Medal by the Mineralogical Society of America. He is currently serving as a Co-Chair of the Science Committee for Goldschmidt 2020 in Honolulu (Hawaii, USA).



Magali Ader was elected to a second three-year term as international secretary. In this role, she is responsible for outreach to scientists and students in countries that are underrepresented in the society's membership and for communication with international geological organizations. Dr. Ader is Professor of Geochemistry at the Institut de Physique du Globe de Paris (France).

Her research interests focus mainly on understanding the controls on stable isotope compositions in sedimentary rocks and fluids. This has led her to address several aspects of the Earth sciences, including the evolution of carbon and nitrogen biogeochemical cycles through time, bacterial vital effects, fluid-rock interactions in CO₂ storage sites, and solute transport properties in sedimentary basins.



Alexandra (Sasha) Turchyn was elected to a second three-year term as secretary. In this role, she maintains the bylaws, records board votes and meeting minutes, and serves as the GS representative on the *Elements* Executive Council. Dr. Turchyn, a University of Cambridge (UK) Reader in Biogeochemistry, is a sedimentary isotope geochemist whose research seeks

to understand how the carbon cycle works both now and over Earth's history. Her research focuses on how the microbial biosphere (bacteria and archaea) impact the carbon budget in sedimentary environments and how this biology may have functioned early in Earth history. She studies a range of modern and past processes and environments and how they are recorded in the sedimentary rock record. She has been a member of the GS since her PhD, and attended nearly every Goldschmidt either as a presenter, session chair, or theme co-chair.



Haibo Zou was elected to a three-year term as treasurer. He will maintain the financial records of the society, ensure compliance with tax filing regulations, and chair the Finance Committee. Dr. Zou is Professor of Geology in the Department of Geosciences at Auburn University (Alabama, USA). His research areas include isotope geochemistry, igneous petrology, volcanology, and theoretical geochemistry. He is the author of the book

Quantitative Geochemistry (2007, Imperial College Press). He is an associate editor for the *Geological Society of America Bulletin* and a Fellow of the Geological Society of America.



Hilairy Hartnett joined the board as the appointed chair of the Organic Geochemistry Division (OGD). She is an associate professor in the School of Earth and Space Exploration and in the School of Molecular Sciences at Arizona State University (USA). Her research interests include carbon and nitrogen cycling in marine, terrestrial, and hydrothermal ecosystems; urban biogeochemistry and Anthropocene science; and astrobiology, particularly the habitability of exoplanets. She previously served on the board from 2014 to 2018 as the OGD Secretary and as a member of the Geochemistry Fellows selection committee.



Mark Rehkämper was elected to a three-year term as a director from Region 2 (Europe). He is Professor of Isotope Geochemistry at the Department of Earth Science and Engineering, Imperial College London (UK). His research interests are broad and encompass the application of radiogenic and nontraditional stable isotope systems to address questions in planetary,

Earth, environmental, and life sciences. For example, he applies isotopic measurements to study cycling of anthropogenic Pb in the oceans, investigate the depletion of volatile elements in the terrestrial planets, examine the uptake of toxic Cd by crops, and elucidate the role of trace metals in human health. He has previously served the society as a member of the Nominations Committee, the Joint Publications Committee, and supported various Goldschmidt Conferences.



Tracy Rushmer was elected to a three-year term as a director from Region 3 (Africa, Asia, Australia, and Central/South America). She is a faculty member in the new Earth and Environmental Sciences Department at Macquarie University (Australia) and is also serving as Associate Dean of Higher Degree Research for the Faculty of Science and Engineering. She is an experimental petrologist and oversees several experimental

laboratories containing equipment that can induce both hydrostatic and deformation conditions by which to investigate mineral interactions under pressure and temperature. Her work focuses on the evolution of planetary bodies, particularly on differentiation, which is the fundamental mechanism by which the terrestrial planets evolve. She previously served on the Nominations Committee and as a theme chair for Goldschmidt conferences in 2017 and 2018. She is a Fellow of the Mineralogical Society of America.

To learn more about the entire board of directors, visit www.geochemsoc.org/about/committeesandpersonnel/board-directors.

MEETING ASSISTANCE PROGRAM

The Geochemical Society's Meeting Assistance Program provides support for symposia or conferences related to geochemistry. All GS members are eligible to apply. Sponsorships provide \$2,500, and the society may award up to four per year. The GS Program Committee reviews applications twice a year; the next deadline is 31 March 2020. For more information, visit: tinyurl.com/GeoChemMAP.

VOLUNTEER SERVICE

Would you like to get more involved in the GS? The society is currently seeking volunteers to serve on various boards and committees. Learn more at www.geochemsoc.org/about/membership/get-involved