



Geochemical Society

www.geochemsoc.org

NEW MEMBERS JOIN GS BOARD OF DIRECTORS

Four new members recently joined the Geochemical Society's Board of Directors. They represent the diverse fields of study and geographic distribution of the society's membership. Directors provide oversight for the society's programs and finances throughout the year. They also set long-term goals to keep the GS oriented toward the evolving needs of the geochemistry community. Meet the entire board of directors at www.geochemsoc.org/board.



Elisabeth (Liz) Widom, a professor in the Department of Geology & Environmental Earth Science at Miami University, Ohio (USA), was elected to a three-year term as a director. Her research focuses on the application of radiogenic and stable isotope systems to problems in volcanology, mantle evolution, environmental contamination, and nuclear forensics, with field areas in Mexico, Europe, Africa, and the southwestern US. She has recently served on the Geochemical

Society's Program Committee, and currently serves as the Chair of the Mineralogy, Geochemistry, Petrology & Volcanology (MGPV) Division of the Geological Society of America and as the Treasurer of the International Association of Geochemistry.



Tina van de Flierdt, a professor of isotope geochemistry and Head of the Department of Earth Science and Engineering at Imperial College London (UK), was also elected as a director. She co-leads the MAGIC isotope facility at Imperial College London and her research spans a variety of fields from understanding chemical cycles of trace elements and pollutants in the ocean, to the reconstruction of ocean circulation and its relationship to climate, to the history of the polar ice sheets and their vulnerability to future climate change. Tina has been involved in session and theme organisation for Goldschmidt conferences for >15 years, was editor for *Geochemical News* (2015–2016), Associate Editor for *Geochimica et Cosmochimica Acta* (2016–2021), and served as Member and Chair of the Joint Publication Committee (2018–2020). She also dedicated a significant amount of time to various committees of the international GEOTRACES programme, including the Standards and Intercalibration Committee and the Scientific Steering Committee.



Mariano Ramirez, a postdoctoral fellow at the University of Copenhagen (Denmark), was elected as an Early Career Researcher Director. He has an undergraduate degree and PhD from the National University of La Plata (Argentina) and is currently also completing a master's in science education. He has extensive experience serving on academic

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NEW MSA FELLOWS

MSA is delighted to announce the new MSA Fellows. They are:



H el ene Bureau
Institut de Min eralogie
de Physique des
Mat eriaux et de
Cosmochimie, Sorbonne
Universit e, France



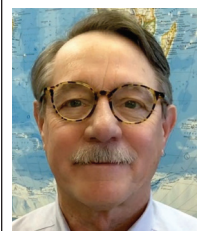
Edwin Gnos
Museum d'histoire
naturelle, Switzerland



Shichun Huang
University of Tennessee
Knoxville, USA



**Sarah Penniston-
Dorland**
University of Maryland,
USA



Paul Schroeder
University of Georgia,
USA



Adam Simon
University of Michigan,
USA



Hiroshi Kojitani
Gakushuin University,
Japan



Sung Keun Lee
Seoul National
University, Republic of
Korea



Christina Lopano
National Energy
Technology Laboratory,
USA



Jessica Warren
University of Delaware,
USA

committees, including the Asociación Argentina de Sedimentología and the Centro de Investigaciones Geológicas councils, as well as a member of the Early Career Scientist Committee for the International Association of Sedimentologists. Dr. Ramirez has served on the Geochemical Society's Diversity, Equity, and Inclusion (DEI) Committee since 2022, initially as a member and later as Chair in 2023. He has contributed to a working group focused on developing new guidelines to incorporate DEI principles into GS awards and has overseen the launch of the GS webinar series.



Hailiang Dong began his term as Executive Editor of *Geochimica et Cosmochimica Acta* and as an ex officio member of the board. He is a professor of Geomicrobiology, Mineralogy, and Environmental Geochemistry in the Department of Earth Sciences and Resources at China University of Geosciences-Beijing. His area of expertise is in microbial, environmental, and isotopic geochemistry, including $^{40}\text{Ar}/^{39}\text{Ar}$ dating of clay diagenesis, microbially catalyzed mineral

reactions, biogeochemical cycling of elements, (bio)remediation strategies of contaminants, and medical applications of clay minerals. He is a Geochemistry Fellow of the GS and EAG and Geological Society of America Fellow. He is a recipient of the Bailey award from the Clay Minerals Society and the "Medal of Excellence" award from the International Mineralogical Society.

UPCOMING VOLUNTEER OPPORTUNITIES

The GS has opportunities for volunteers throughout the year, some of which only require a small time commitment. These include serving as a mentor, theme chair, or session organizer at the Goldschmidt Conference or submitting an award nomination to recognize a colleague's achievements. There are also several opportunities to serve on society boards and committees. If you would like to take a more active role in the GS, you can learn about various opportunities at geochemsoc.org/about/membership/get-involved.

GS AWARDS

V. M. Goldschmidt Award



Chris Hawkesworth, professor emeritus at the University of Bristol (UK), will receive the 2025 Victor M. Goldschmidt Award this July. The Goldschmidt Award is the society's highest honor, presented annually for major achievements in geochemistry over a career. Prof. Hawkesworth is recognized for exceptional scientific contributions, made through the application of advanced geochemical proxies, that have guided our understanding of the crust and lithosphere and their

interactions with the convecting mantle. His work has helped transform geochemistry by emphasizing its applicability to understanding the processes operating over the entirety of Earth's existence.

Victor Moritz Goldschmidt (1888–1947) was a chemist and is considered to be the founder of modern geochemistry and crystal chemistry. He developed the Goldschmidt Classification of the elements and worked for many years at the University of Oslo. The society has presented a medal in his honor since 1972.

Clair C. Patterson Award



Avner Vengosh, Distinguished Professor of Environmental Quality at Duke University (USA), will receive the 2025 Clair C. Patterson Award in July. The award is presented annually for an innovative breakthrough in environmental geochemistry of fundamental significance within the last decade, particularly in service to society. Prof. Vengosh is recognized for his work evaluating the impact of conventional and nonconventional energy development on environmental

geochemistry, especially of water resources.

Clair C. Patterson (1922–1995) developed the uranium–lead dating method. Using lead and uranium isotopic data from the Canyon Diablo meteorite, he calculated an age for the Earth of 4.55 billion years. This figure was far more accurate than those that existed at the time and has remained unchanged for over 60 years. Patterson also made enormous contributions to the understanding of lead's role as an environmental contaminant and subsequent elimination from many products.

F. W. Clarke Award



Suzanne K. Birner, associate professor of geology/Earth science at Berea College (USA), will receive the 2025 F. W. Clarke Award this July. The Clarke Award honors a single outstanding contribution to geochemistry or cosmochemistry by an early-career scientist. Prof. Birner is recognized for her series of papers that decipher and document the processes occurring in the Earth's mantle that have generated variations of several orders of magnitude in oxygen fugacity, with broad implications for the history of Earth's interior and atmosphere.

Frank Wigglesworth Clarke (1847–1931) was a chemist who determined the composition of the Earth's crust. He taught chemistry and physics at the University of Cincinnati (USA) and served in the U.S. Geological Survey for many years. He also collaborated with the Smithsonian Institution on atomic weight research. The society established the award in his name in 1972.

Alfred Treibs Award



Ellen C. Hopmans, Head of Analytical Laboratory at the Royal Netherlands Institute for Sea Research, will receive the 2025 the Alfred Treibs Award. Presented by the society's Organic Geochemistry Division, the award is given for major achievements, over a period of years, in organic geochemistry. Dr. Hopmans is recognized for significant contributions to organic geochemistry, particularly through pioneering analytical advances. She introduced liquid chromatography, enabling the

detection of membrane-spanning lipids like GDGTs, revolutionizing paleoclimate research with the TEX86 proxy. Additionally, her teaching and mentoring have inspired and empowered the next generation of organic geochemists, especially women.