



Geochemical Society

www.geochemsoc.org

FROM THE PRESIDENT



I am writing this message sitting over the holiday break where I met up with friends and family and exchanged stories about what went on over the year. A story that came up was the amount it costs to get evaluations. It reminded me of the thank you notes that I had just written to outgoing committee members. They had read through pages of material and provided their expert guidance to help run the society—be it for an award committee, or on issues of budget, finance, or planning. I have always appreciated the work put in by our volunteers, but that financial number multiplied by the number of people that had been thanked—all working on a voluntary basis—added a new financial dimension to how much the Geochemical Society owes to its volunteers. I was overwhelmed, and I would like to thank all of you who have volunteered for different roles in the Society—now, in the past, or if you intend to in the future—from the bottom of my heart. The Society works because of you. The other experience in this connection has been when people tell me something or the other could be done by the “office.” Few people realize that it is a staff of two, and everybody else, myself included, is a volunteer. It is the volunteers that make the society so visible.

As ways to communicate have expanded, so have the activities of the society. While much of the focus of the Society in the past was on the planning and execution of the annual Goldschmidt conference, increasingly there is a trend toward spreading out activities across the entire year, in an attempt to reach a broader and more diverse group of geochemists. These activities come in different forms. For example, there have been a series of webinars on different topics of interest for geochemists. A number of townhall events were held to address issues specifically related to diversity, equity, and inclusion (DEI). The DEI committee is looking into launching an online lecture series. And, there is always a need for mentors.

A mentoring program has been launched jointly by the Geochemical Society and the European Association of Geochemistry that goes beyond the mentoring activities that are available at Goldschmidt conferences. Details may be found at: www.geochemsoc.org/programs/mentorship-program.

As I write, the first mentor–mentee pairings are taking place. In this process, it has become apparent that we have many more people who want to be mentored than we have mentor volunteers. If you have not already done so, please consider volunteering yourself as a mentor. It is a rewarding experience that helps broaden your own horizons too. Please note that you do not have to be a member of either society to volunteer as a mentor.

And finally, speaking of volunteers, you can also help through suggestions—what one could do differently, better, or new. Your thoughts and ideas are always welcome. Please do not hesitate to drop a line to gsoffice@geochemsoc.org or personally to me at sumit.chakraborty@rub.de. I am writing this at the start of 2023. Even if the year will have progressed quite a bit by the time this reaches you, I am wishing now all the best in the year 2023 for all readers of *Elements*. I look forward to hearing from you and seeing some of you at one or another conference across the year.

Sumit Chakraborty
GS President, 2022–2023

UPCOMING VOLUNTEER OPPORTUNITIES

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

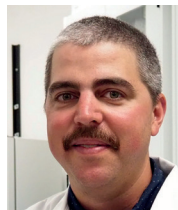
NEW MEMBERS JOIN GS BOARD OF DIRECTORS

Six new members joined the Geochemical Society's Board of Directors in January. They represent the diverse fields of study and geographic distribution of the Society's membership. Meet the entire board of directors at www.geochemsoc.org/board.



Frances Jenner was elected to a three-year term as International Secretary. She is a senior lecturer (associate professor) in the School of Environment, Earth and Ecosystem Sciences at The Open University, UK. Her research focusses on the use of geochemistry for understanding the evolution of the Earth's mantle and the processes that create heterogeneity in the compositions of magmas that erupt in different tectonic settings. She is a member

of the Geochemical Society Nominations Committee, has served as an editor for the weekly *Geochemical News* and as a theme chair for Goldschmidt 2022, and has recently taken on the role of a review editor for *Frontiers in Earth Science*.



Benjamin Tutolo was elected to a three-year term as Secretary. He is an associate professor of geosciences at the University of Calgary, Canada. His research focuses on the reactive movement of fluids, solutes, and heat in geologic systems, with applications to the geologic and climatic evolution of both Earth and Mars. Dr. Tutolo has served as a mentor to students at the Goldschmidt conference annually since 2016, convened sessions at Goldschmidt since

2017, served as an editor for *Geochemical News* from 2019 until 2021, and is currently serving on the Geochemical Society Award Nominations Committee. Dr. Tutolo is also currently chair of the Ocean Networks Canada Ocean Observatory Council and routinely participates in scientific outreach programs such as Skype A Scientist and the STEM Fellowship. He recently received the 2022 Mineralogical Society of America Award.



Craig Lundstrom joined the board as the Goldschmidt Officer. He is a professor in the School of Earth, Society, and Environment at the University of Illinois at Urbana Champaign, USA. He is an igneous petrologist/geochemist who combines experimental petrology with isotope geochemistry to investigate a range of Earth processes from mantle melting to magma differentiation to contaminant remediation using U isotopes. Current

projects involve characterizing PGE transport mechanisms and understanding the volcanic-plutonic connections of silicic magmatism. He received the F.W. Clarke award from the GS in 2001. He is currently department head of the Department of Earth Science and Environmental Change and Co-Chief Editor of *Frontiers in Earth Science-Geochemistry*.

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Mineralogical Society of America



www.minsocam.org

PRESIDENT'S LETTER



Although MSA is committed to supporting all of its members, we offer special opportunities to our student members, as they are the next generation of mineralogists, petrologists, and geochemists. Our special membership rate of \$20/year provides student members with a subscription to *Elements* magazine and online access to our flagship journal *American Mineralogist* (both current issues and archive). Students also receive a 25% discount on MSA's many publications, including textbooks and the *Reviews in Mineralogy & Geochemistry* series (88 volumes and counting).

Student members receive discounted registration fees for any of MSA's short courses. Our most recent virtual short course on *Diamonds* was attended by a large number of students, who not only participated in the two-day live session, but were also given access to the recorded presentations to peruse at their leisure.

Student members are also eligible, and encouraged, to apply for MSA's annual grants of \$5,000 each for research in mineralogy/petrology, and one grant for research with a focus on crystallography. The first mineralogy/petrology grant was awarded in 1981 to a scholar who later became one of MSA's Presidents (Dr. William Carlson). The crystallography research grant, which was established by MSA founder Dr. Edward H. Kraus, was first awarded in 1973. Both types of grants are supported by endowment funds, to which MSA members contribute generously each year. Information about these grants, as well as the lists of past recipients, are available on MSA's new website at: <https://msaweb.org/awards-grants/>.

I am particularly proud of the special benefit MSA offers to our faculty members of MSA to nominate their exemplary students for a prestigious **MSA Undergraduate Prize**. A nomination consists of a letter to the MSA Executive Director with a description of the students' excellent work in the mineral sciences, which is signed by the faculty member and the department chair. The nominee receives a year's membership in MSA with all the benefits, a choice of an MSA publication (usually one of the *Reviews in Mineralogy & Geochemistry* volumes), and a handsome certificate to be awarded by the nominating department. **MSA Undergraduate Prize** winners are also recognized on the MSA website. The process is simple and provides an excellent opportunity to recognize and encourage an outstanding student. If you are an MSA member in a faculty position, please consider nominating one of your students at any time throughout the year. Information about the process is available on the MSA website or can be obtained from the MSA Business Office.

We welcome other creative ideas from our membership for programs and services to support and engage our student members.

Jeffrey Post
2023 MSA President

NOTES FROM CHANTILLY

- MSA 2023 membership renewals continue. Please renew today using the link on the MSA home page (www.msaweb.org) if you have not already done so.
- Members and Fellows who are in the senior, honorary, and life categories are sent renewal notices. They need not pay dues but are sent notices as the best way to prompt an update of membership information, particularly mail and e-mail addresses.

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Karen Hudson-Edwards was elected to a three-year term as a Director. She is an environmental geochemist and mineralogist and Professor in Sustainable Mining at the Camborne School of Mines, University of Exeter, UK. Her research focuses on understanding the geochemical and mineralogical mechanisms controlling the cycling of contaminants in mine wastes, mining-affected soils and waters, and other contaminated environments. She has published >100 peer-reviewed papers in these and related areas in collaboration with colleagues in microbiology, geomorphology, engineering, business, and social science. She has served once as a member of the Science Committee and twice as a theme leader of the Goldschmidt Conference, Chair of the GS Nominations Committee, and Chair of the F.W. Clarke Award Committee. She has also served as Chair of the Environmental Mineralogy Group and Publications Manager of the Mineralogical Society of Great Britain and Ireland.



Carme Huguet was also elected to a three-year term as a Director. She is an associate professor in the Department of Geosciences at Universidad de los Andes in Bogotá, Colombia. Her overall aim is to understand climate change and other anthropogenic impacts and how they will affect life on Earth, which can only be tackled in a multidisciplinary

way. She uses biomarkers and inorganic geochemistry tools to trace the fate of organic matter, past climate changes, and their impact on biogeochemical cycles to understand the links between terrestrial and marine biogeochemical processes, as well as multi-matrix studies to understand contamination. She served on the Executive Committee of the Organic Geochemistry Division of the Geochemical Society between 2016 and 2019.



Lucien Nana Yobo was elected to a two-year term as an Early-Career Director. He is a low-temperature isotope geochemist who uses non-traditional isotopes to investigate the effects of past changes in Earth's history from marine sedimentary rocks. Combined with these proxies, he uses numerical box models to understand how these global biogeochemical changes occurred. He holds a PhD from the University of Houston (USA) and is currently at Texas A&M University (USA) as an assistant professor.