

# 2020 Report to Our Members

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## MISSION

The Geochemical Society encourages the application of geochemistry to improving our understanding of Earth and the solar system.

## VISION

Explore. Learn. Teach. We see an active and collaborative international community of geochemists who are able to explore, learn, and teach geochemical applications and theories.



## WHO WE ARE

The Geochemical Society (GS) is a not-for-profit scientific organization founded to encourage the application of chemistry to the solution of geological and cosmochemical problems. Membership is international and diverse in background, and includes thousands of scientists and students from around the world. The society promotes understanding of geochemistry through the annual Goldschmidt Conference, publication of a peer-reviewed journal and electronic newsletter, awards programs recognizing significant accomplishments in the field, and career development programs.

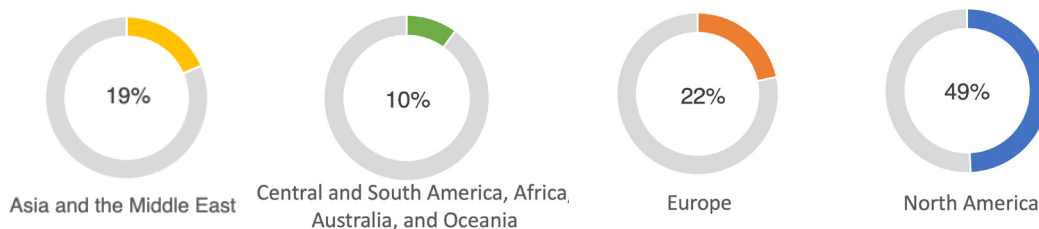
The GS collaborates with many other scientific organizations to advance its mission, including the European Association of Geochemistry, the Geochemical Society of Japan, the Meteoritical Society, the Mineralogical Society of America, the Geological Society of America, the American Geophysical Union, and the American Geosciences Institute.

## MEMBERSHIP SNAPSHOT

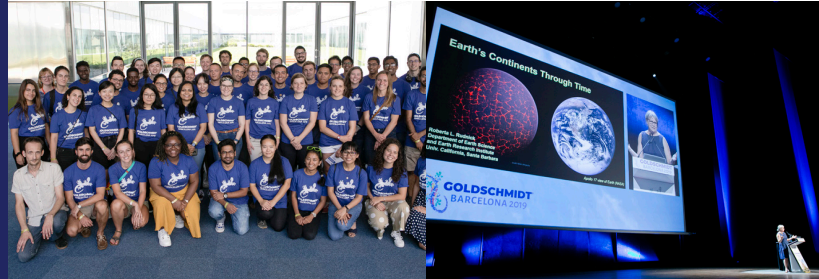
The GS has 4,010 members in 76 countries (as of Dec. 31, 2020). This total includes 2,445 professional members, 288 senior members, 1,106 students, 102 GCA associate editors, and 69 lifetime members.



## GEOGRAPHIC DISTRIBUTION OF GS MEMBERS



# Major Accomplishments in 2020



## AWARDS AND OTHER PROGRAMS

- Established a new [DEI Committee](#) and developed programs for the membership (more information on page 4).
- Presented six awards and 12 GS-EAG [Geochemistry Fellow](#) honors.
- Offered seven [online workshops](#) to help fill the training gap created by the pandemic.
- Provided 96 free memberships to students in under-represented countries through the [Introductory Student Membership](#) program.
- Launched new [capacity-building grant program](#) and funded five projects.

## 2020 GOLDSCHMIDT CONFERENCE®

[Goldschmidt](#) is the joint annual conference of the GS and the European Association of Geochemistry. With the onset of the pandemic, the 2020 conference was converted to a fully online meeting. The organizers and staff achieved this monumental task in three months. Registration fees were reduced by more than 80% and many people who could not have traveled to the in-person conference were able to participate. Students comprised 44% of the conference, up from 31% two years earlier.

### CONFERENCE STATISTICS

Themes	14
Participants	3,190
Countries represented	63
Mentors/Mentees	116/247
Acacia koa Trees Planted in Hawai'i with Member Donations	33

## PUBLICATIONS

- [Geochemical News](#) distributed to 9,000 subscribers every week
- [GCA](#) achieved an impact factor of 4.659 in 2019
- [Geochemical Career Center](#) devoted to job openings in geochemistry.
- More than 8,000 people now follow the society on [social media](#).
- Members receive six issues of [Elements](#) magazine annually.

## VOLUNTEER CONTRIBUTIONS

- 105 GS members served on a board or committee in 2020.
- 102 members served as Associate Editors of [GCA](#).
- More than 500 scientists served as theme and session chairs/convenors for Goldschmidt2020.
- Social media volunteers launched new program to share the diverse research interests and backgrounds of geochemists around the world.



# Finances

## Revenues and Expenses

	2020	2019
<b>Operating Income</b>		
Donations Received (Unrestricted)	12,698	3,828
Goldschmidt Conference	644,839	45,189
Membership Dues	111,533	115,385
Other Programs	17,747	5,755
Publications	5,609	12,287
Royalties	72,024	71,420
<b>Total Operating Income</b>	<b>864,450</b>	<b>253,864</b>
<b>Expense</b>		
Goldschmidt Conference	627,837	154,476
Management & General	72,763	90,256
Member Services	70,277	76,773
Other Programs	72,763	65,114
Publications	53,088	81,550
<b>Total Expense</b>	<b>896,728</b>	<b>468,169</b>
<b>Operating Surplus (Loss)</b>	<b>(32,278)</b>	<b>(214,305)</b>
Investment Earnings	74,000	59,514
<b>Net Surplus (Loss)</b>	<b>41,722</b>	<b>(154,791)</b>

### Notes about this presentation:

- All figures are in U.S. Dollars.
- The “Other Programs” line includes society awards and special lectures, the Capacity-building Grant Program, the GS-EAG Outreach Program, and online workshops.
- The GS receives revenue from the Goldschmidt Conference primarily in even-numbered years when it oversees conference organization; (EAG receives revenue in odd-numbered years).

## FINANCIAL RECORDS

An independent audit of the society’s financial records provided a clean opinion. To learn more, visit [www.geochemsoc.org/about/governance/](http://www.geochemsoc.org/about/governance/)

Photo captions--Page 2, from left: 2019 Goldschmidt student helpers; GS President Roberta Rudnick delivers a plenary lecture. Page 3: Acacia koa tree in Hawaii (Image: Forest & Kim Starr); Speakers on a 2020 Goldschmidt Conference panel discussion. Page 4: Participants in the Environmental Geochemistry: Heavy Metals workshop in Dakar, Senegal, which was sponsored by the GS.

# Donors & Impact



## Gifts to the Society, Jan. 1 to Dec. 31, 2020

The GS gratefully acknowledges the following individuals who made donations during 2020.

### Diversity, Equity, and Inclusion Initiatives

John Ayers	Albert Chang-Sik	Garth Edwards
Michael Gordon	Cheong	Luis A. Gonzalez
Babechuk	Gregory Cutter	Michalann Harthill
Tanja Bosak	David Dettman	Scott A. Hynek

### Robert Berner Lecture Fund

Robert C. Aller	George W. Luther
Thomas F. Anderson	Fred T. Mackenzie
Suzanne P. Anderson	Radomir Petrovich
Denise Levitan	Michael A. Velbel

### Endowed Biogeochemistry Lecture

Anonymous	Steven R. Emerson
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### John Hayes Award Fund

Thomas F. Anderson	Stefan Schouten
Marilyn Fogel	Courtney Turich
David Lowry	Johan C. Varekamp
Judith A. McKenzie	

### Student Travel Support for Goldschmidt 2020

Gregory Cutter	Chi Nguyen
William F. Fitzgerald	Carlos Paulo
Joris M. Gieskes	Adina Paytan
Benjamin Charles Gill	Jason B. Sylvan
Stanley R. Hart	Csaba Szabo
David R. Janecky	William J. Ullman
Klaus Peter Jochum	Bert Van Eck
Yury I. Klyukin	Makiko Watanabe
Ryan McKenzie	

### Where Needed Most

Suzanne P. Anderson	Steven L. Goldstein	Edmond A. Mathez
Robert F. Anderson	Luis A. Gonzalez	Christian J. McGrath
Thomas F. Anderson	James Gooding	Klaus Neumann
Charles R. Bacon	David W. Graham	Peggy A. O'Day
Leslie L. Baker	Robert T. Gregory	Michael Perfit
Victoria C. Bennett	Edward Grew	Richard C. Price
Larry K. Benninger	Jeffrey W. Hedenquist	Michael John Ridd
Peter R. Buseck	Jens Hopp	Natascha Riedinger
Richard W. Carlson	Innovest Portfolio	Michael F. Roden
Paterno R. Castillo	Solutions LLC	Roberta L. Rudnick
John B. Chapman	Naoyoshi Iwata	Thomas Stachel
Jean S. Cline	Kevin Johnson	Heinz-G Stosch
Hilary Close	Hidenori Kumagai	John K. Volkman
Max Coleman	Keith A. Kvenvolden	Friedhelm Von
Patrick Crill	Dante S. Lauretta	Blanckenburg
Garth Edwards	Fang Lin	Richard J. Walker
Dirk Frei	Mark J. Logsdon	E. Bruce Watson
Terrence M. Gerlach	Leon E. Long	Robert E. Zartman
Allen Glazner	Craig E. Manning	

## Diversity, Equity, and Inclusion

*The society is working toward a more diverse and equitable community for scientists of all backgrounds. Diversity goals are a part of the society's strategic plan. Initiatives in 2020 included:*

- Established 17-member DEI Committee to help achieve these goals.
- Produced town halls: "Black Lives Matter-Promoting Diversity, Equity, and Inclusion in Geochemistry" and "Mentoring in Geochemistry: A tool for creating more inclusive and equitable environments."
- Provided 50 conference grants for students from low-income countries and historically excluded U.S. groups.
- Used social media to highlight stories of women, people of color, and members of the LGBTQ community.
- Free memberships offered to students from under-represented countries.

## Capacity-Building Grants

*Launched a new program to support initiatives aimed at promoting networking, educational activities, analytical training or capacity building related to geochemistry in countries with low and lower-middle-income economies. 2020 grants:*

- Skills Building Workshop on Environmental Geochemistry: Heavy Metals. Dakar, Senegal
- Geochemical and mineralogical characterization of artisanal gold mining wastes in the Koma Bangou site. Liptako, Niger/Toulouse, France
- Capacity Building in Basic Field and Laboratory Practices in Geochemical Research. Ibadan, Nigeria
- Trace Elements in Aquatic Systems workshop. Pune, India
- Promote national networking between universities. Addis Ababa, Ethiopia