

The GYA Office will close from 22 December to 2 January 2023, and will be short-staffed from 3-6 January 2023.

After this time of rest and reflection, the Office will return to full capacity on 9 January 2023.

As 2023 will hopefully include an in-person Annual General Meeting and International Conference of Young Scientists, we look forward to an exciting year of renewed energy and optimism.

In this spirit, the GYA Office and Executive Committee wish you and yours a restful holiday season, and a healthy and prosperous 2023.

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GYA Young Academies booklet

Download <u>"The World's Young</u> <u>Academies 2022"</u>, to learn more about what Young Academies do and how they operate. Like us, friend us, follow us, watch us!



GYA News

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Save the Date!

The GYA Annual General Meeting & International Conference of Young Scientists "Technological Innovations for Discovering Solutions to the World's Greatest Current Challenges" will take place 5-9 June 2023 in Kigali, Rwanda.

Further information is available on our **conference website**, and invitations to register will follow in early 2023.

If you have any questions about the AGM or Conference, please contact **jennifer.plaul@globalyoungacademy.net**.

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Past Issues





GYA members and alumni shine at World Science Forum 2022 In December 2022, more than 15 GYA members and alumni served as panelists and speakers at the World Science Forum (WSF), including slots during the Opening and Closing Ceremonies.

As Steering Committee members, the GYA played a vital role in the planning and execution of the event, including the WSF 2022 Declaration. **Read the full report here**.



As an Anniale Member of the International Science Council (ISC), the GTA is delighted to announce the appointment of six GYA members and alumni as part of the second cohort of ISC Fellows.

Read the full report here.

"Harmonising Reason with Sensibility -Regenerating science for an inclusive and sustainable future"

GYA International Conference of Young Scientists

14-17 June 2022 Fukuoka, Japan and online

GYA releases Fukuoka Declaration on Actions to Change the Relationship between Society and Science

In June 2022, the GYA, in collaboration with the Young Academy of Japan, held its International Conference of Young Scientists both online and in-person at Kyushu University in Fukuoka, Japan.

The Fukuoka Declaration outlines several action plans that are the result of the Conference.

Read the Fukuoka Declaration here.

Translate -

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First Latin America and the Caribbean Science Leadership Programme cohort meets in Colombia

The first meeting of the Science Leadership Programme in Latin America and the Caribbean (LAC) was held in November 2022 to support and equip early- to mid-career researchers (EMCRs) in the LAC region with leadership tools for team development, engagement and collaboration. Currently, 23 EMCRs working in the LAC region are enrolled in the programme, representing 10 countries.

Read the full report here.

GYA in the media

South Africa scores own goal at World Science Forum - Cape Times

News from our members and alumni

Executive Committee member **Felix Moronta Barrios** (International Centre for Genetic Engineering and Biotechnology, Italy) was invited by UN Disarmament Affairs to present at the international conference "Scientific and Technological Developments: Benefits and Risks for the Biological Weapons Convention." in New Delhi, India, where he also moderated a session.

Felix was also part of the resource expert team providing the theoretical and practical training for the 5-day in-person workshop "Risk Assessment of Living Modified Organisms for Western, Central and Eastern Asia", organised by the Secretariat of the UN Convention on Biological Diversity in collaboration with the International Centre for Genetic Engineering and Biotechnology.

Tyrone Grandison (The Data-Driven Institute, United States) has been selected as a 2023 Entrepreneur In Residence for the University of California San Diego Office of Innovation and Commercialization. Read more **here**.

Environmental Research, Germany) was appointed as one of the **Research Data Alliance's** ambassadors for 2023. Her project will focus on improving the accessibility of microbial sequence data worldwide, from data archiving to data reuse.

Natalia Kucirkova (University of Stavanger, Norway) co-authored "Inspirational Women in Academia. Supporting Careers and Improving Minority Representation", which examines prevailing stereotypical expectations about the aspirations of many women in science, especially those with ethnic minority backgrounds, and the resulting harm and discrimination.

Immediate Past Co-Chair **Roula Inglesi-Lotz** (University of Pretoria, South Africa) received the Best Senior Researcher Award from the Department of Economics, University of Pretoria. **Read more here**.

Immediate Past Co-Chair Michael Saliba (University of Stuttgart, Germany) has been named to the list of "Highly Cited Researchers 2022" by Clarivate Analytics, meaning that he is in the top 1% of the world's most influential researchers in the fields of physics and environment and ecology. This is the fifth time in a row that Michael has appeared on this list.

Executive Committee member **Shalini Arya Subash** (Institute of Chemical Technology Food Engineering and Technology, Italy) has been chosen as a Focal Person for Gender Outreach by **The World Academy of Sciences**.

Alumna and founding member **Catherine Beaudry** (Polytechnique Montréal, Canada), has been awarded the 2022 Acfas Jacques-Rousseau Prize for multidisciplinarity. Read more **here**.

Alumna and Past Executive Committee member **Anina Rich** (Macquarie University, Australia), has been awarded the Vice-Chancellor's Learning and Teaching Student-Nominated Award. Read more **here**.

Alumna and founding GYA member **Nguyen TK Thanh** (University College London and The Royal Institution of Great Britain, United Kingdom) presented a Discourse at the Royal Institution in November on her research on the design, synthesis, characterisation, and biofunctionalization of plasmonic and magnetic nanomaterials.

Past Advisory Board member **Bruce Alberts** (University of California, San Francisco, United States) was one of four recipients of the 2022 TWAS Medals, in recognition of their professional commitment and scientific results. **Read more here**.

Past Advisory Board member **Howard Alper** (University of Ottawa, Canada) was named Companion of the Order of Canada in recognition of his outstanding achievment and merit of the highest degree.

Please use **this form** to send us your stories and accomplishments - we'll include them in social media and in the newsletter!

GYA Activities

Nominations

Letten Prize Committee

The GYA nominated members **Sibel Eker** (Radboud University and International Institute for Applied Systems Analysis, Netherlands) and **Mai Tolba** (Ain Shams University, Egypt) to the Letten Prize Committee. Sibel was selected to participate on the committee. The Letten Prize is awarded by the Letten Foundation and the Young Academy of Norway to recognize younger researchers contribution in the fields of health, development, environment and equality in all aspects of human life. More information about the prize, and how to apply can be found **here**.

International Science Council white paper for UN Water Conference

The GYA nominated four members and alumni to the ISC to be part of a writing group for the United Nations Water Conference: **Stella Tsani** (University of Ioannina, Greece), **Lahcen El Youssfii** (The National Higher School of Chemistry, Morocco), **Ovie Edegbene** (Federal University of Health Sciences, Nigeria) and alumna **Shabana Khan** (School of Planning and Architecture, India). The ISC will now select co-authors.



GIoSYS LAC report launch event

Join us on 1 February 2023 for the launch of the report "The Global State of Young Scientists in Latin America and the Caribbean: An Exploration of Constraints and Strategies".

develop their careers. Register for the launch here.

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GYA represented in European Coalition on Reforming Research Assessment

In September 2022, the GYA became a signatory of the European Commission's "Reforming Research Assessment Agreement" and with this, joined the "Coalition on Reforming Research Assessment" CoARA.

The GYA was one of the first signing organisations (with supporting voices from the Scientific Excellence WG, through a vote of the GYA Executive Committee), and to date over 200 organisations have signed the agreement and expressed interest in joining CoARA.

Read more here.

GYA activities groups co-leads meet

In November, co-leads from almost 20 GYA activities groups met online with Executive Committee members **Monika Kedra** (Institute of Oceanology Polish Academy of Sciences, Poland) and **Sri Fatma** (Institut Teknologi Sepuluh Nopember, Indonesia), and GYA Senior Project Officer Anna-Maria Gramatté, to hear updates from the Office, and discuss issues relating to currently low levels of member engagement in groups, or how best to organise the handover from outgoing group co-leads to incoming ones. GYA groups have also started to plan for their activities at the 2023 AGM in Rwanda. The next such meeting will take place in March/April 2023.

Science Diplomacy in the Americas

In late November, the **Science Diplomacy in the Americas** working group supported the National University of Colombia's first Latin American meeting on Science Diplomacy with logistics and co-funding. The meeting took place at the UNAL campus in Leticia, Colombia. Group co-lead **Paulina Carmona-Mora**) (University of California, Davis) represented the group in a session on Science Diplomacy in the Americas. The *Journal of Science Policy & Governance (JSPG)*, UNESCO, and the Major Group for Children and Youth (UNMGCY) have just released a Special Topic Issue on **Open Science Polices as an Accelerator for Achieving the Sustainable Development Goals**. The GYA working group on **Open Science** has acted as an outreach partner for this special issue, which among other topics looks at the role of early-career researchers in driving the cultural shift towards Open Science.

News from the Young Academies

2023 Letten Prize: call for applications

Are you a young researcher? Are you working within the fields of health, development, environment or equality in any aspect of human life? Then apply to the Letten Prize! The prize is open to researchers under the age 45 from all corners of the world. The Letten Prize is a collaboration between the **Letten Foundation** and **The Young Academy of Norway**. The prize of 2.5 mill NOK (ca. 235,000 USD) will be awarded bi-annually. Shortlisted candidates will be interviewed, and the winner will be awarded the prize at the prize ceremony taking place in Oslo, Norway, on 7 September 2023. More information and how to apply is available **here**.

Deadline: 6 February 2023

Swiss Young Academy starts four new projects

The Swiss Young Academy have decided on **four new projects for 2023**, to address current challenges at the interfaces of science, politics and society. Partly building on previous activities, these projects will explore the boundary between science and activism, formulate recommendations for improving the working conditions of non-professorial teaching staff, foster transdisciplinarity through targeted science communication, and will establish a science policy and diplomacy network for young scientists.

Booklet on the World's Young Academies

As part of the preparations for the 2022 Worldwide Meeting of Young Academies and related meetings with the InterAcademy Partnership, a booklet showing all the world's (national) young academies has been compiled. See here for the **2022 Booklet on "The World's Young Academies"**, to learn more about what Young Academies do and how they operate.

You can also find a report from the 2022 Worldwide Meeting of Young Academies and related events **here**.

Partners



GYA partnered with ALLEA and STM on equity in peer review

A second joint event by the GYA with **ALLEA**, the European Federation of Academies of Sciences and Humanities, and **STM Publishers** took place in November 2022, and looked at 'IDEA (Inclusion, Diversity, Equity and Accessibility) in scholarly peer-review'. **Pradeep Kumar** (Wits University, South Africa), co-lead of the GYA working group on **Scientific Excellence**, was part of the high-level discussion panel; and GYA member **Stefania Mondello** (University of Messina, Italy) was part of the session organising team.

A **workshop report** has now been published; and you can watch a recording of the panel discussion **here**.

Understanding Long Covid

The German National Academy of Sciences Leopoldina is organising a Leopoldina International Virtual Panel Discussion on **"Understanding Long Covid"** on 24 January 2023, from 14:00-15:00 (UCT).

The Panel will consider the latest research on the causes and symptoms of Long Covid, and discuss strategies to prevent long-term consequences of SARS-CoV-2 infection, as well as how to treat and support patients with Long Covid.

Further details, and the link to register can be found here.

Events

1 February 2023

GloSYS LAC report launch event

The report "The Global State of Young Scientists in Latin America and the Caribbean: An Exploration of Constraints and Strategies" analyses the experiences of early-career researchers from Latin America and the Caribbean to contribute to a better understanding of the social contexts in which they develop their careers. Registration is open to the public.

Scientists

After three years of virtual meetings, the 2023 GYA AGM will take place in-person in Kigali, Rwanda, from 5-9 June 2023, in connection with the International Conference of Young Scientists on the topic "Technological Innovations for Discovering Solutions to the World's Greatest Current Challenges.

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