



2021
22



GLOBAL
YOUNG
ACADEMY

In Memoriam



Noble Banadda

Noble was a Professor and the Chair of the Department of Agricultural and Biosystems Engineering, Makerere University Kampala, Uganda, from 2012 until succumbing to COVID-19 in 2021.

Noble was a member of the GYA from 2013-2018, and was a truly gifted scientist. Among his many achievements, he was the first African recipient of the Pontifical Academy of Sciences Pius XI award.

He was also a member of the GYA's Solid Waste Management and Green Economy working group, contributed a case study to the group's Municipal Solid Waste Management and Green Economy report (2016) and collaborated on many inspiring projects.



**GLOBAL
YOUNG
ACADEMY**

2021/22

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Who we are

What began as a 2010 workshop of 40 young scholars from 28 countries who had a vision of giving a voice to young scholars around the world, has evolved into a robust independent science academy with a capped membership of 200 current members and an ever-growing number of alumni (currently 366) representing 100 countries.

The vision of the Global Young Academy (GYA) is *science for all; science for the future*, and its mission is to give a voice to young scientists around the world.

Governance and Administration

The GYA is governed by an annually elected [Executive Committee](#) of 11 members, led by two Co-Chairs, that reflects the diversity of its membership. An [Advisory Board](#) composed of outstanding senior scientists and leaders in science-policy related fields from around the world supports the GYA in strategic planning.

The GYA Administrative [Office team](#) comprises a Managing Director and six staff members, and is hosted by the German National Academy of Sciences Leopoldina in Halle (Saale), Germany.

What do we do?

As an independent young academy, the GYA develops, connects and mobilises young talent from six continents, and empowers young researchers to lead international, interdisciplinary and intergenerational dialogue.

GYA members engage in working groups, strategic projects and collaborations with international partner organisations. These activities, all relevant to societal and scientific debate, are clustered into four thematic areas.

Science & Society



GYA members come together in interdisciplinary groups and projects to address global challenges relevant at the intersection of science and society, on issues such as biodiversity, global health, climate change, science advice, and science diplomacy.

Find out more about this theme and its activities.

Research Environment



This theme encompasses working groups and projects dealing with the conditions in which research—inside and outside academia—is embedded. Activities include support and advocacy for women in science and at-risk scholars, discussions and engagement on open science and research evaluation, as well as research on the conditions of young scientists in different world regions.

Find out more about this theme and its activities.

Science Education & Outreach



Promoting science education and outreach has always been a pillar of GYA member activities. In these projects, GYA members focus on international exchange, education for youth and citizen science.

Find out more about this theme and its activities.

GYA & the SDGs



The GYA as a global organisation is active in many of the areas covered by the UN Sustainable Development Goals (SDGs). GYA activities, outputs and Statements are linked here in the context of how they contribute to these 17 international goals.

Find out more about this theme and its activities.

The GYA publishes statements on pressing global issues, trains young scientists in cross-cutting skills such as science advice and science communication, and provides a platform for blue-sky ideas to form and unfold.

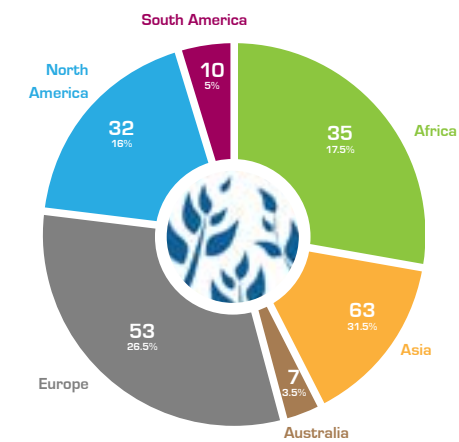


The GYA also supports the establishment and coordination of National Young Academies (NYAs) and similar initiatives around the world.

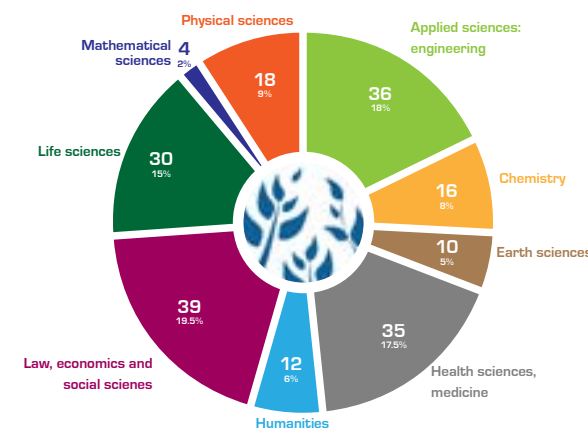
In connection with this, the GYA facilitates regular worldwide meetings of NYAs - including the 3rd Worldwide Meeting of Young Academies in 2022, and also provides a [toolkit and advice on establishing an NYA](#).

2021 GYA membership

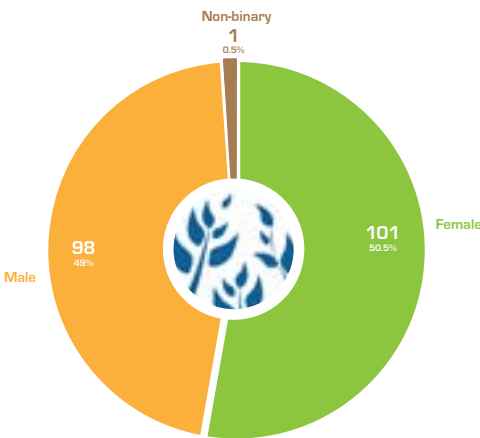
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by discipline

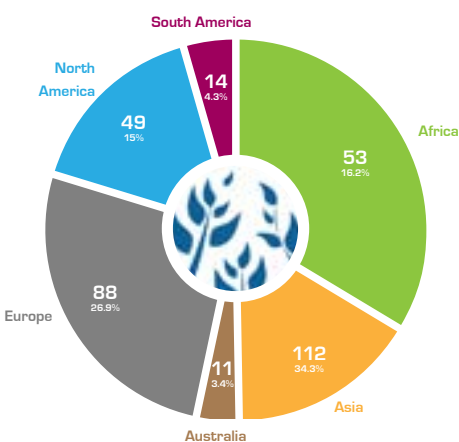


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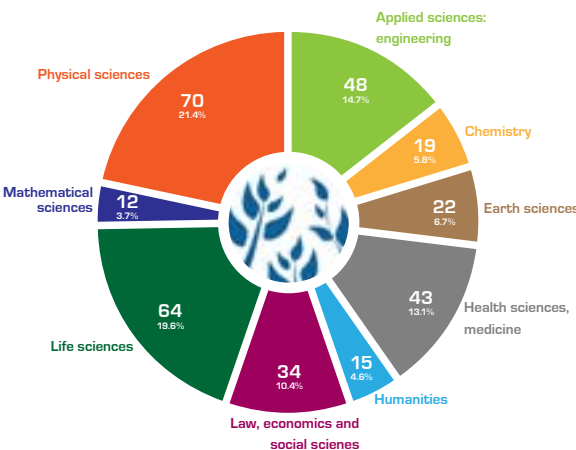


Alumni

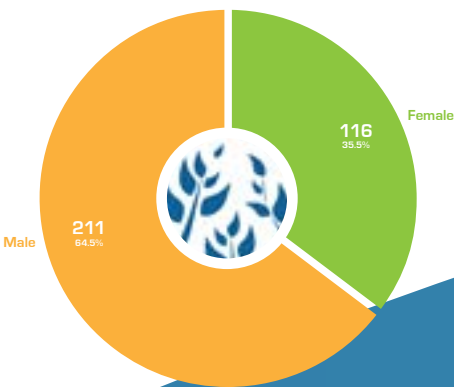
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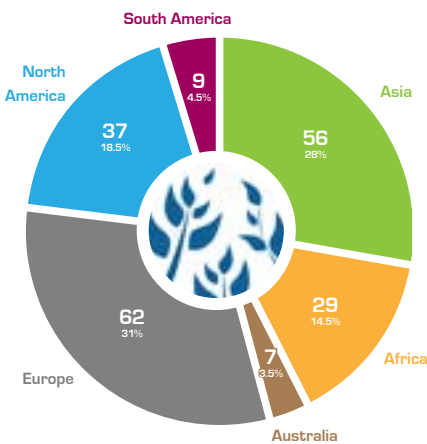
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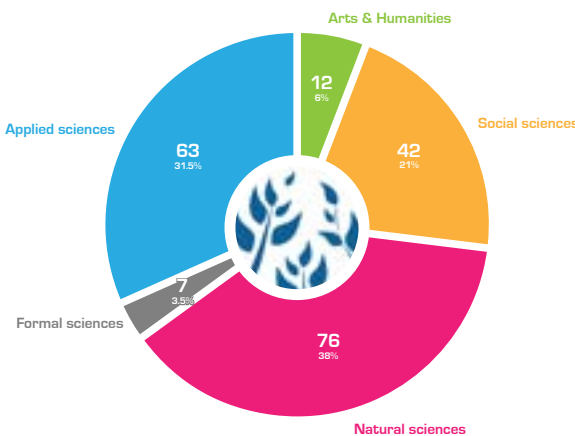
2022

GYA membership

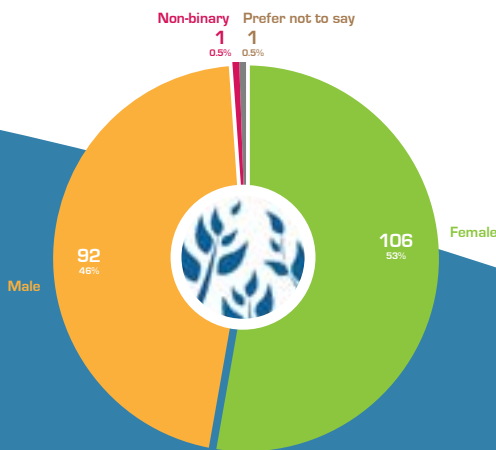
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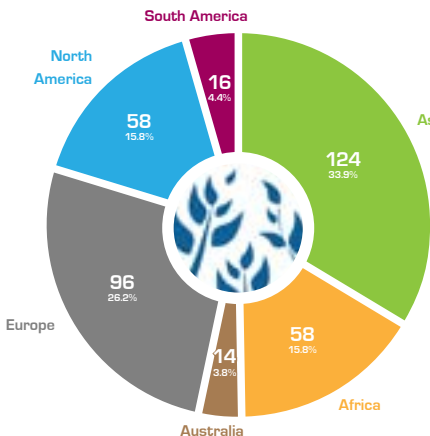


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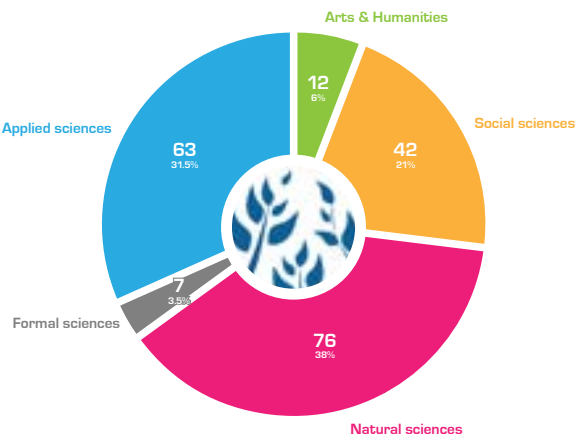


Alumni

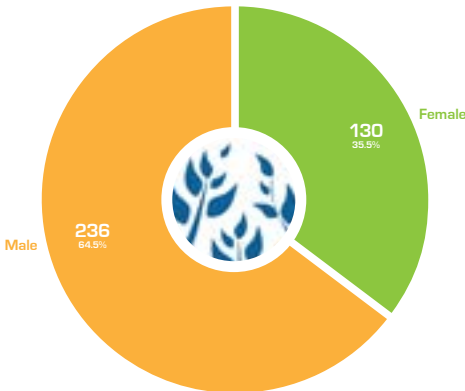
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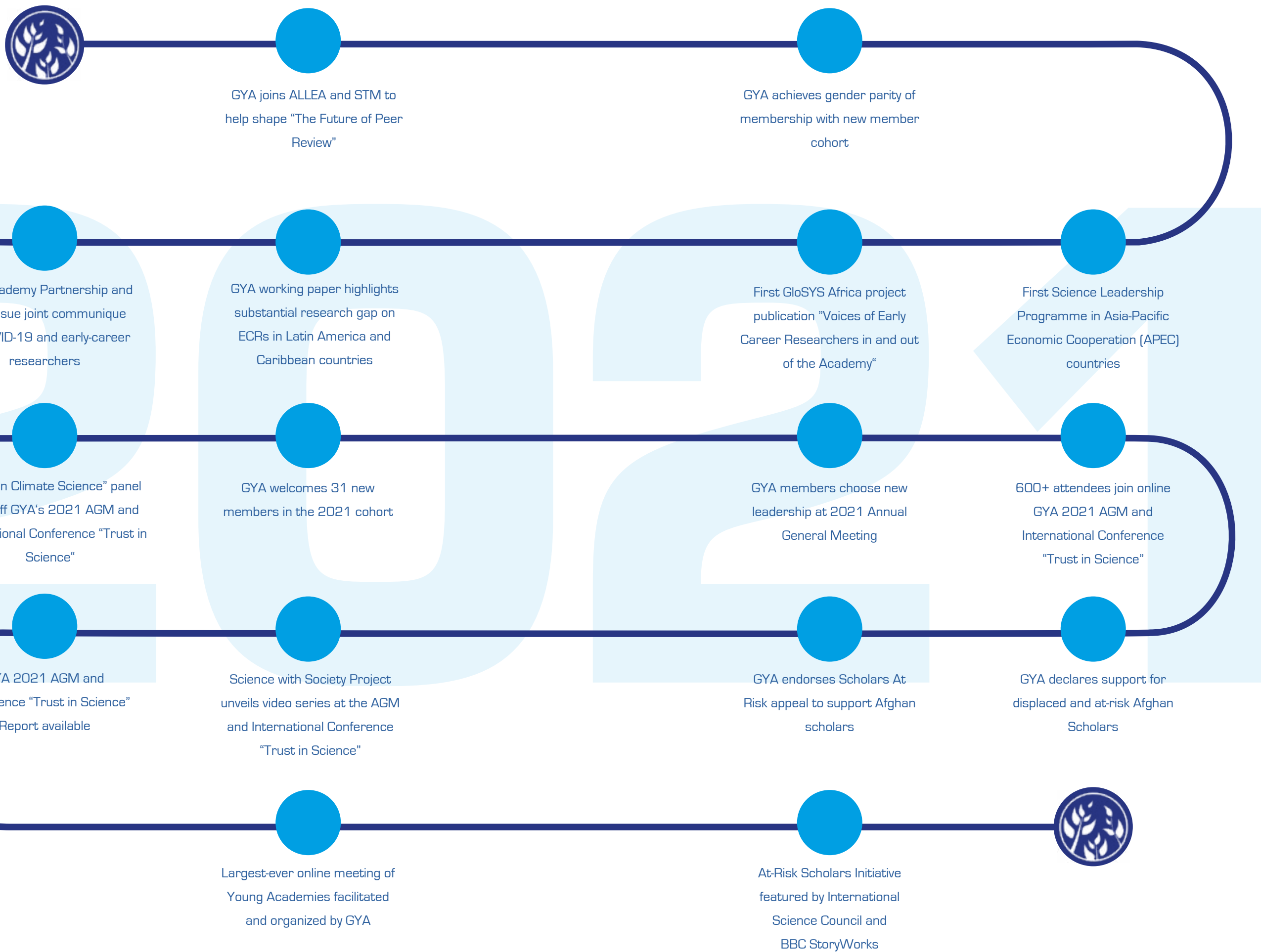
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GYA Activities

News timeline 2021



News timeline 2022



Open Science WG collaborates with NYA members from around the world to publish two new OS articles

GYA Statement calls for an end to Russia's war in Ukraine and aims to uphold academic cooperation

Science with Society project satellite session kicks off AGM & Conference season

GYA Science Leadership Programme introduces new video showcasing its efforts to empower ECRs

Science Advice Resource Centre launches, features peer-reviewed articles on science advice

Science with Society project hosts VLOG Special Edition - Science in times of war

GYA welcomes the new members of its 2022 cohort

GYA and INGSA host Science Advice for Policy-Making workshop

GYA members choose new leadership at 2022 Annual General Meeting

Highlights of the GYA 2022 AGM and International Conference "Harmonising Reason with Sensibility"

GYA co-organizes Young Academies meeting and IAP Inclusive Excellence conference

New InterAcademy Partnership leadership includes GYA representation

GYA launches "Back to Basics" report on fundamental research funding

GYA members present during United Nations Science Summit

2022 International Science Council Fellows include GYA members for first time

GYA members and alumni shine at World Science Forum



GYA Annual General Meeting & International Conference of Young Scientists

Every year, distinguished early- to mid-career scientists and scholars from around the world convene for the GYA's Annual General Meeting (AGM) and International Conference of Young Scientists to induct new GYA members, choose new leadership, and plot the organisation's strategic direction.



In 2021, the online AGM and conference explored questions that connect the conference topic “[Trust in Science](#)” to science advice, Open Science, science communication and global food systems.

Highlights, reports and recordings of the 2021 “[Trust in Science](#)” conference.

Three years online

For three consecutive years, the COVID-19 pandemic forced the GYA to move its AGM and conferences online. As with many other organisations that rely on the in-person meetings of its members to accomplish vital organisational functions, the GYA spirit was tested but nonetheless continued to shine through in inspiring ways.

The GYA learned a new approach to online meetings, and who knows what sort of hybrid conferences the future will bring, but we're all very excited to hopefully meet again in-person in Kigali, Rwanda in June 2023!

In 2022, the hybrid AGM and conference “[Harmonising Reason with Sensibility](#)” discussed ways to transcend disciplinary silos, spark a global interdisciplinary dialogue to reform the science system, and re-think the contribution of science to society.

The meeting was hosted by the Young Academy of Japan, with support from the Science Council of Japan (SCJ). In-person meetings were hosted at Kyushu University, Fukuoka, Japan.

Highlights, reports and recordings from “[Harmonising Reason with Sensibility](#)”.



Trust in Science

GYA members strive to build trust between the public and science practitioners. In 2021 and 2022, several projects and meetings explored the concept of “Trust in Science”.

2021 International Conference of Young Scientists “Trust in Science”

The International Conference of Young Scientists “Trust in Science” explored the topic from various angles, including the sessions “Trust in Climate Science”, “Transforming Food Systems”, “Improving Trust in Science through Communication” and “Building Trust with Open Science”.

[Learn more and view recordings of all the sessions here.](#)



Science with Society #SCISO

Video tutorials on science ethics and science communication

The SCISO project aims to provide easily accessible content, in the form of freely available video tutorials, that enable scientists to reflect about the role of science in society, and to communicate with broader audiences.

[Learn more and watch the SCISO videos here.](#)

More on Trust in Science

[GYA Conference Report “Trust in Science”](#)

[GYA Position Statement on “Trust in Science”](#)

[GYA webinar “Hardcore science skepticism - what can young scientists do?”](#)

Global State of Young Scientists

GloSYS project focus shifts to Latin America and the Caribbean

The Global State of Young Scientists (GloSYS) is an ongoing empirical research project investigating the context in which early-career researchers (ECRs) work, and the challenges and motivations that shape their career trajectories.

Previous areas of focus were ASEAN and Africa, while the third region GloSYS examines is Latin America and the Caribbean (LAC). The objective of GloSYS LAC is to investigate the socio-structural contexts that influence the trajectories of ECRs and the capacity of these academics to shape their careers.

In 2021 and 2022, GloSYS LAC published two working papers, was active at the Latin America and the Caribbean Open Science Forum (CILAC), published a paper in *Frontiers*, and later established a Science Diplomacy in Latin America and the Caribbean (LAC) Incubator.

Check out the dedicated GloSYS website [here](#) for information on GloSYS ASEAN, GloSYS Africa, and GloSYS LAC.



GloSYS LAC developments in 2021 and 2022

- GYA working paper highlights substantial research gap on early-career researchers in Latin America and Caribbean countries
- GYA side event at Latin America and the Caribbean Open Science Forum (CILAC) reveals challenges faced by early-career researchers in the region
- Mind the gap: Assessing research on early-career researchers in Latin America and the Caribbean before and during COVID-19 (*in GYA Connections*)
- GloSYS LAC working group members publish “Supporting Latin American Early Career Researchers on the Quest for Sustainable Development in the Region” in *Frontiers*

At-risk Scholars Initiative

The need to protect and support academic researchers fleeing conflict zones around the world is urgent. Their survival - and that of their families - often requires them to leave their home countries, which brings their research careers to a startling halt.

The goals of the GYA's [At-risk Scholars Initiative](#) is to enable the re-integration of exceptional, early-career at-risk scholars into research through a mentorship programme developed and led by GYA members, and to support exceptional early- or mid-career at-risk scholars in developing competitive membership applications to the GYA and/or national young academies.

GYA members work towards these goals by conducting workshops in collaboration with organisations such as Oxford's Wolfson College ([news item here](#)) and the European Union's Joint Research Centre, participating in conferences such as the American Association for the Advancement of Science (AAAS), as well as by issuing Statements, for example the [GYA Statement about violence in Iran](#). We also released a [Declaration of Support for Afghan Scholars](#).



The Scientific knowledge being lost to conflict

As part of its “Unlocking Science” programme, the International Science Council, in collaboration with BBC StoryWorks Productions, featured the GYA's At-risk Scholars Initiative. [Read that article here](#).

Further highlights:

Members of the At-Risk Scholars Initiative are well-represented in TWAS-ISC-IAP launch “Science in Exile” Network

GYA member Eqbal Dauqan tells her story of leaving Yemen to continue her research overseas on the ISC Science in Exile podcast

GYA partners with IIE-Scholar Rescue Fund and Scholars at Risk for webinar Professional development workshop for at-risk scholars hosted at Wolfson College, University of Oxford



Science Leadership Programmes

GYA Science Leadership Programmes (SLP) and workshops aim to nurture future science leaders by offering training in collective leadership skills and strengthening networks of ECRs across the globe.

The Science Leadership concept builds on the recognition that ECRs, as future science leaders, need leadership capabilities and strong networks to collaboratively address existing complex global challenges.

Building on the success of the Africa, ASEAN and APEC SLPs, the GYA supports the establishment of SLPs in other world regions, with a current initiative in Latin America and the Caribbean.

The GYA also (co-)organises 1-2 day Science Leadership Workshops for its new members and for ECRs from around the world. Since 2014, more than 200 young scholars and scientists have taken part in GYA-supported capacity-building science leadership programmes or workshops, and the first SLP in Latin America and the Caribbean was held in December 2022.

Further highlights:

- 2022 - Inclusive Science Leadership Programme in APEC
- 2022 - Defining Science Leadership for the GYA (*in GYA Connections 10*)
- 2022 - New GYA Members meet in online Science Leadership Workshop
- 2022 - First SLP in Latin America and the Caribbean
- 2021 - New GYA Members meet in online Science Leadership Workshop
- 2021 - First Science Leadership Programme in APEC



Check out these videos on the GYA SLP:



Learn more about GYA's approach to Science Leadership



Find out more about SLPs for ERCs



Discover what Collective Leadership means to the GYA

World Science Forum 2022

In December 2022, over 15 GYA members and alumni served as panelists and speakers as scientists from around the world gathered at the World Science Forum (WSF) in Cape Town, South Africa to focus on the social and economic relevance, influence and responsibilities of science. ([Read the report here.](#))

As members of the WSF Steering Committee, the GYA plays a vital role in planning and carrying-out the WSF, as illustrated by the [Declaration of the Tenth World Science Forum](#), which explicitly recognizes the crucial role of ECRs in advancing science, and goes on to call for enhanced support for the GYA and National Young Academies.



GYA's Co-Chair [Prosper Ngabonziza](#) (Louisiana State University, United States) spoke during the Opening Ceremony, Immediate Past Co-Chair [Roula Inglesi-Lotz](#) (University of Pretoria, South Africa) spoke during the Opening Plenary session along with GYA Advisory Board member

Her Royal Highness Sumaya bint El Hassan, GYA member [Clarissa Rios Rojas](#) (University of Cambridge, United Kingdom) spoke during the Closing Ceremony Plenary session, and in between, more than a dozen GYA members and alumni from six continents acted as Plenary and Panel speakers throughout the five-day event.



GYA members & alumni among new InterAcademy Partnership governance

Following an online election in summer 2022, for the first time, the GYA is represented in InterAcademy Partnership (IAP) leadership.

GYA member [Karen Cloete](#) (University of South Africa) will be serving in the IAP Advisory Committee for the next two years. The Advisory Committee is responsible for synthesizing recommendations from the Development and Programme Committees and advising the IAP Board.

GYA member [Goran Bandov](#) (University of Zagreb, Croatia) and alumna [Karly S. Kehoe](#) (Saint Mary's University, Canada), nominated by the Royal Society of Canada, will be part of the IAP's Development and Programme Committee on Policy Advice. The role of the Development and Programme Committees is to assist the Co-Chairs in developing and securing funding for IAP programmes and activities.



GYA Executive Committee Member [Encieh Erfani](#) (Iran) will serve in the IAP Development and Programme Committee on Communication, Education and Outreach. GYA founding member [Jorge Huete-Perez](#) (Universidad Centroamericana, Nicaragua), nominated by the Nicaraguan Academy of Sciences, is also on this committee.

[Read the full story here.](#)

GYA members & alumni named ISC Fellows

As an Affiliate Member of the International Science Council, the GYA is delighted to announce the appointment of six GYA members and alumni as part of the second cohort of ISC Fellows announced at the 2022 World Science Forum in Capetown, South Africa.

As GYA nominees, we are happy to see GYA Executive Committee member [Encieh Erfani](#) (Iran) as well as Immediate Past Co-Chair [Michael Saliba](#) (University of Stuttgart, Germany) named ISC Fellows.



Furthermore, we congratulate GYA alumni [Olanike Adeyemo](#) (Nigerian Academy of Science, Nigeria), Past Co-Chair [Eva Alisic](#) (University of Melbourne, Australia), Past Co-Chair [Orakanoke Phanraksa](#) (Thailand Science Research and Innovation, Thailand) and [Binyam Sisu Mendisu](#) (The Africa Institute, Ethiopia).

[Read more here.](#)



**International
Science Council**

Sasha Kagansky

Interdisciplinary Grant

In 2021, GYA members voted to rename the GYA's North-South Interdisciplinary Grant to the "Sasha Kagansky Interdisciplinary Grant" in honor of the late GYA member Alexander "Sasha" Kagansky ([news item here](#)).

Introduced at the GYA's 2014 AGM, the "Sasha Kagansky Interdisciplinary Grant" seeks to support the development of blue-sky, exploratory research pilots or prototypes that unite researchers in low/middle-income and high-income countries and cross-disciplinary boundaries. The COVID-19 pandemic has inspired the last two grant winners.

2020-21 - The COVID-19 pandemic and art (19and.ART)



The [19and.ART](#) project has assembled a global collection of short, animated videos about the COVID-19 pandemic on YouTube. They have collected over 800 videos of different styles and topics. You can find the 19and.ART playlist on YouTube by visiting www.19and.ART.



2021-22 - Young Researchers and the COVID-19 pandemic

The [Young Researchers and the COVID-19 pandemic](#) project aims to document the struggles of young researchers throughout the COVID-19 pandemic, with a global perspective but also from an internal point of view. The project group hosted two live discussion sessions with members and alumni to guide the writing of the testimonies that will become part of the book, which is in production.

Pandemic results in new GYA “Alumni Plus” membership category

In 2022, the GYA created a new Alumni Plus category to alleviate the impact of the COVID-19 pandemic on our members and recent alumni.

This year’s outgoing members were given the option of choosing whether to become GYA alumni now, or to rather stay on as Alumni Plus for one further year to finish a particular project, or to stay on as a group co-lead to ensure a smooth and orderly transition.

The Alumni Plus policy is based on what some young academies the world over have been doing to cope with the fallout from the COVID-19 pandemic. GYA members approved this policy during the AGM in June 2022.

Survey reveals barriers to diversity among young scientists around the globe

An article published in [GYA Connections Issue 10](#) titled “[Barriers to diversity among young scientists around the globe](#)” presents key findings from a survey carried out among GYA members and alumni in 2021 about workplace challenges in science.

The article delivers new evidence on diversity policies, workplace culture and gendered experiences of marginalization, discrimination, and harassment around the world

The survey was implemented by the GYA’s [Women in Science](#) working group, with support by the GYA Office.

The two principal domains that the survey set out to cover were:

- 1) workplace policies promoting gender equality
- 2) experiences of discrimination and harassment.

Prompted by the “Me Too” movement during the 2018 AGM in Thailand, the GYA Women in Science WG began discussing plans to develop a survey about the harassment of women in academia. The scope of the survey grew over time, and eventually covered a broader range of related workplace issues.

[Read “Barriers to diversity” here.](#)



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GYA Working Groups

Trust in (Young) Scientists

Science with Society video tutorials on science ethics and science communication

Science with Society (SCISO) is a project by the GYA's [Trust in \(Young\) Scientists](#) working group, in collaboration with the German National Institute for Science Communication (NaWik), and funded by the Volkswagen Foundation from 2020-2022.

Scientists around the world are confronted with threats to public trust in science on issues ranging from public health measures to climate change, and unfortunately there is often a perceived gap between science and society. The SCISO project aims to address these gaps by providing easily accessible content, in the form of freely available video tutorials ([on YouTube here](#)), that



enable scientists to reflect about the role of science in society, and communicate with broader audiences.

SCISO provides insights not only about the practical tools of science communication, but also about the deeper roots of the problems, for example, perspectives on scientific integrity or incentives in science. Our target audience is early-career researchers around the world who want to contribute to a trustworthy and trustful relationship between science and society.

[Visit the SCISO page to learn more.](#)



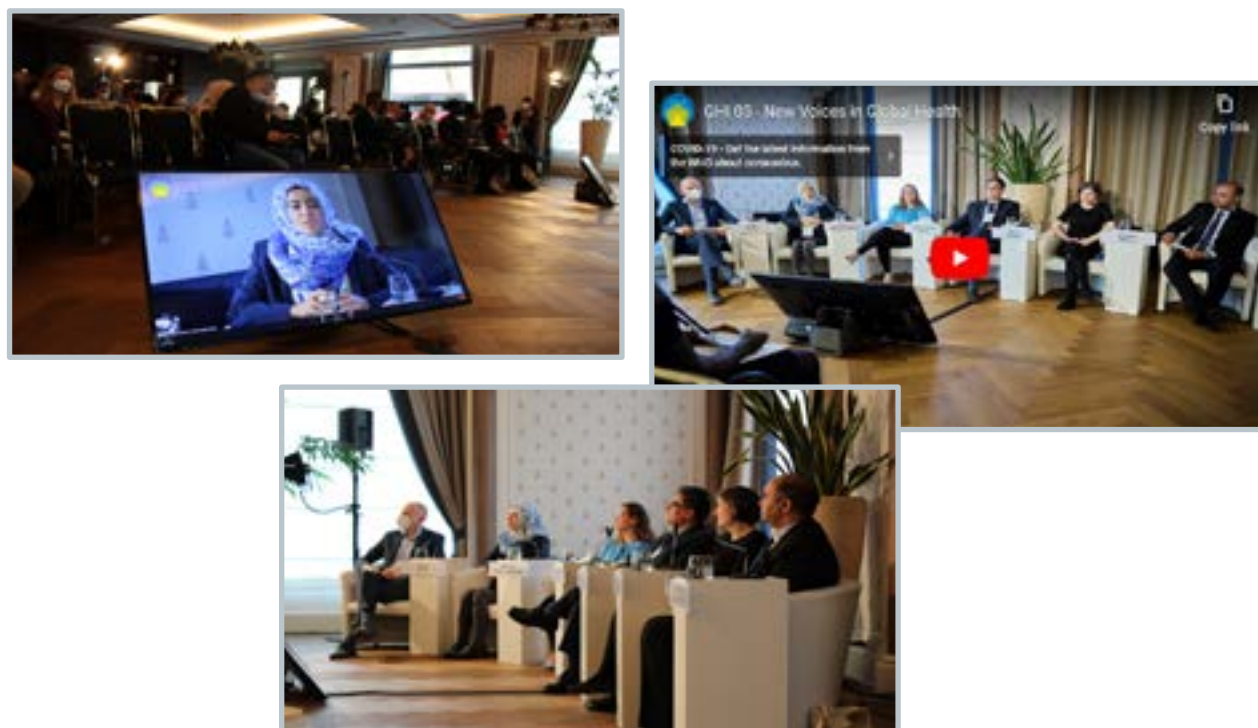
Global Health



The **Global Health** working group presents the voice of prominent young researchers from all over the world in discussions about global health policies in relation to clinical medicine, public health, environmental health and social studies of health and illness.

The group covers selected important problems of human health by preparing GYA statements such as **Beyond Boundaries: A global message from young scientists on COVID-19** (and its complimentary infographic in 26 languages), as well as representing the GYA in forums and meetings dealing with global health issues.

Each year the Global Health WG represents voices of young scientists in conferences such as the Global Health Summit (pictured below), the World Health Assembly, and the United Nations Framework Convention on Climate Change conference, among others.



World Health Summit

Members and alumni of the GYA and other young academies came together at the World Health Summit 2022 in Berlin to present “COVID-19 and Antimicrobial Resistance: Connections and Consequences”, and possible consequences for global health.

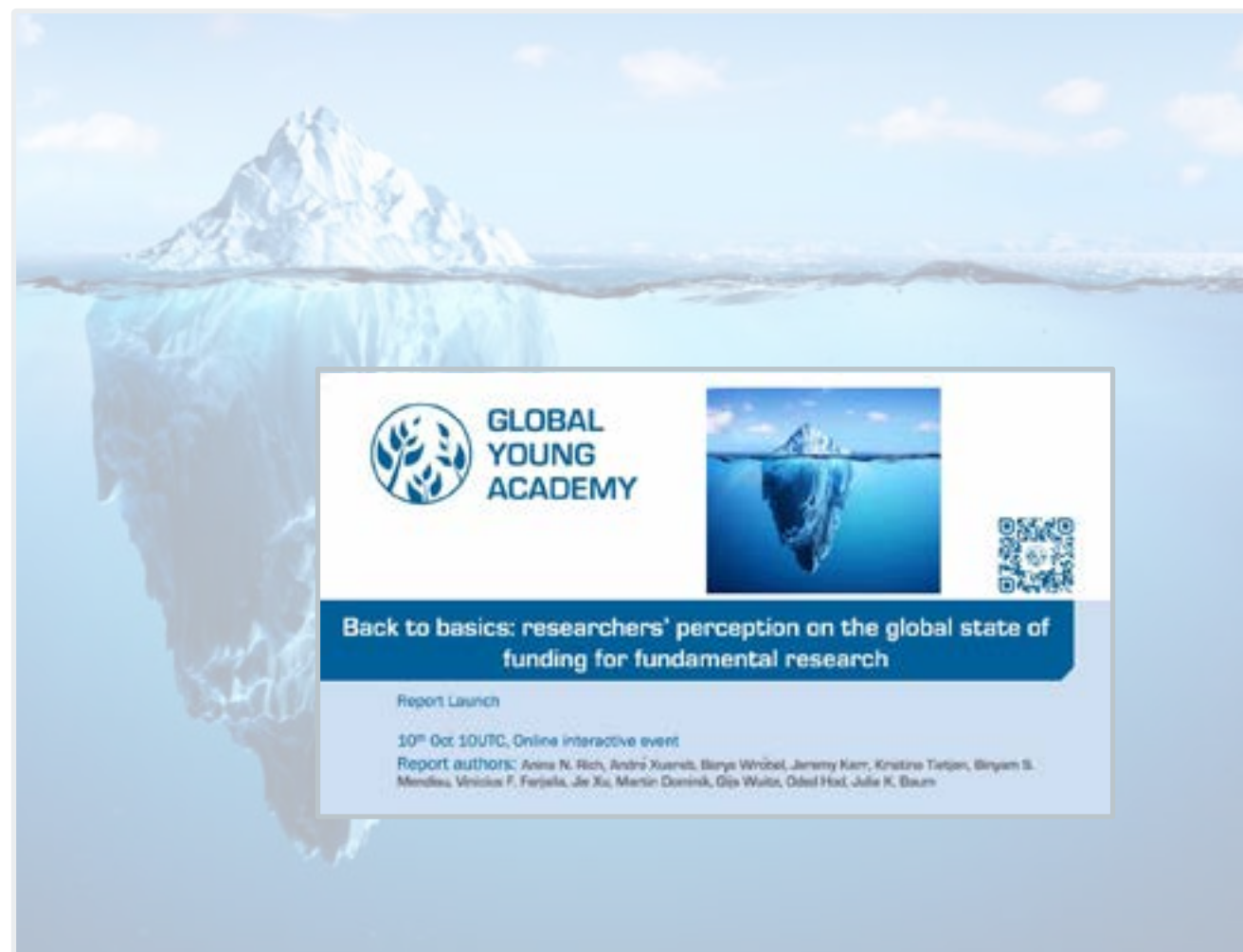
The session was co-chaired by GYA members Pradeep Kumar (University of the Witwatersrand, South Africa), Karen Cloete (University of South Africa) and Stefan Kohler (Heidelberg University, Germany).

Members of the Global Health WG have started a 1-year project on Antimicrobial Stewardship, to look into coordinated programmes that promote the appropriate use of antimicrobials (including antibiotics), improve patient outcomes, reduce microbial resistance, and decrease the spread of infections caused by multidrug-resistant organisms.

[Watch the World Health Summit video.](#)

Importance of Fundamental Research

The [Importance of Fundamental Research](#) working group seeks concrete statistics on fundamental vs. applied research funding from a suite of countries, and aims to demonstrate the importance of fundamental research through empirical evidence and compelling arguments.

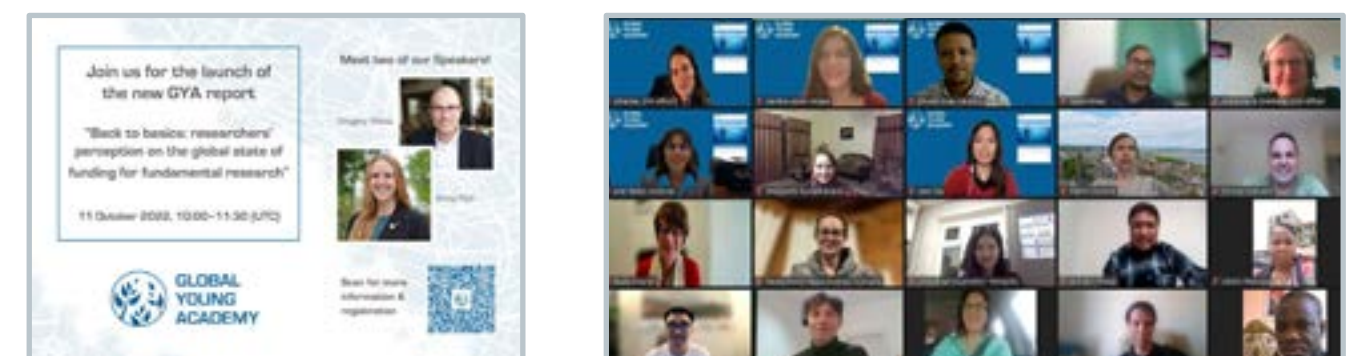


In November 2022, the GYA's Importance of fundamental research working group launched its report titled "[Back to basics: researcher's perception on the global state of funding for fundamental research](#)".

The report delivers the outcomes of a survey of researchers from around the world on the state of our research system, specifically regarding funding for fundamental, use-inspired, and applied science.

While the Back to Basics report is now launched, the work is not done. These outcomes need to be used to promote the importance of fundamental science with decision makers both in academia and in the political realm. Continued monitoring of the global status of blue sky science funding is also required to allow for appropriate corrections.

[More about the report is available here.](#)



Science Diplomacy in the Americas



Current science diplomacy efforts in the Americas tend to target specific regions separately (e.g., U.S. to the world, or only between Latin American and Caribbean – LAC countries), and do not primarily aim to integrate all the Americas. The lack of knowledge about the status of science in some LAC countries further aggravates the disconnection between different regions of the continent. To address this issue, the GYA Science Diplomacy in the Americas WG started as an Incubator in July 2021, and was promoted to GYA working group in July 2022.

The Science Diplomacy in LAC WG intends to harness the current global momentum for science diplomacy, and is open to novel partnerships, especially between the Global South and North.

[Read more about the Science Diplomacy in the Americas working group here.](#)

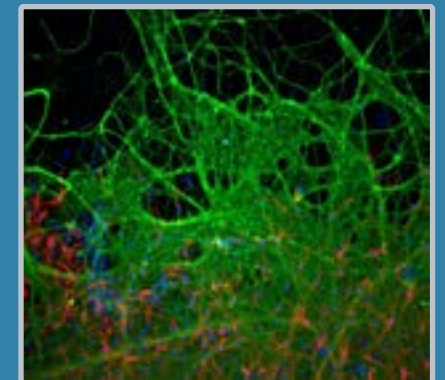
Science + Art =

The [SAPJ WG](#) want to promote the active engagement of scientists in the arts and set up mutually beneficial creative collaborations with artists.

In 2021 the WG published a CD compilation for their project on “The Aesthetics of Biodiversity”, which was curated by the group’s former co-lead, the late Sasha Kagansky, and current co-lead [Sergey Kostyrko](#) (St. Petersburg State University, Russia).



Peace and Justice



The audio compilation introduces the artists who are engaged through their sound works with ecological and biodiversity issues.

The unique approaches contained on this CD are inspired by scientific concepts in biology and ecology, including research in plant, insect and animal behavior, as well as studies the relationships between living organisms and their environment.

The online version of this CD is available on the [Bandcamp platform here.](#)

Science Advice (Resource Center)

The GYA [Science Advice](#) working group focuses on building and enhancing scientific advisory capacities for ECRs. As such, the WG organises approaches to build a community of young scientists and practitioners around this topic.

The GYA [Science Advice Resource Centre](#) (SARC) is a platform that provides basic information on science advice, and is intended to be an initial entry point for early-career researchers into scientific advice.

The SARC consists of selected peer-reviewed articles curated by GYA members. The texts are the results of an internal writing contest held between April and May 2021.

The articles are divided into three categories:



Government Scientific
Advice



Science Policy-making



Science Diplomacy and
Science Communication

In June 2022, group members organised a Science Advice for Policy-making Workshop as part of the GYA's AGM & conference, in collaboration with the Young Academy of Japan, the International Network for Government Science Advice (INGSA) and INGSA-Asia, who provided mentors. More than 40 participants took part in the meeting.



[You can watch the recording here.](#)

For further information, you can [read the related news item here.](#)



**SCIENCE ADVICE
RESOURCE CENTRE**

GYA SCIENCE ADVICE WORKING GROUP

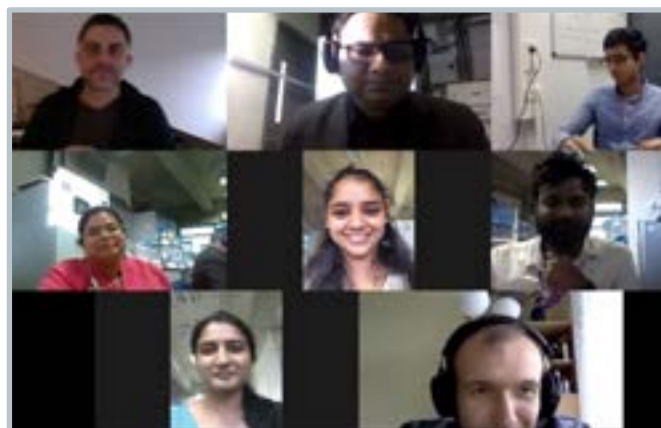
Young Scientist Ambassador Programme

The GYA Young Scientist Ambassador Programme (YSAP) promotes the efforts by GYA members to bridge the international scientific gap by facilitating cultural, scientific, intellectual, or educational interactions.

The ambassadorships occur between two countries that are at different stages of scientific development, or between two countries that historically have had minimal scientific contact.

2020 Virtual Missions

YSAP co-leads [Chandra Shekhar Sharma](#) (Indian Institute of Technology (IIT) Hyderabad, India) and [David Fernandez Rivas](#) (University of Twente, Netherlands) conducted a tutorial and experiment with ultrasound jointly with both their teams at the “Creative & Advanced Research Based On Nanomaterials (CARBON)” Lab at IIT Hyderabad and the Mesoscale Chemical Systems Group at the University of Twente, Netherlands. ([Watch the video here.](#))



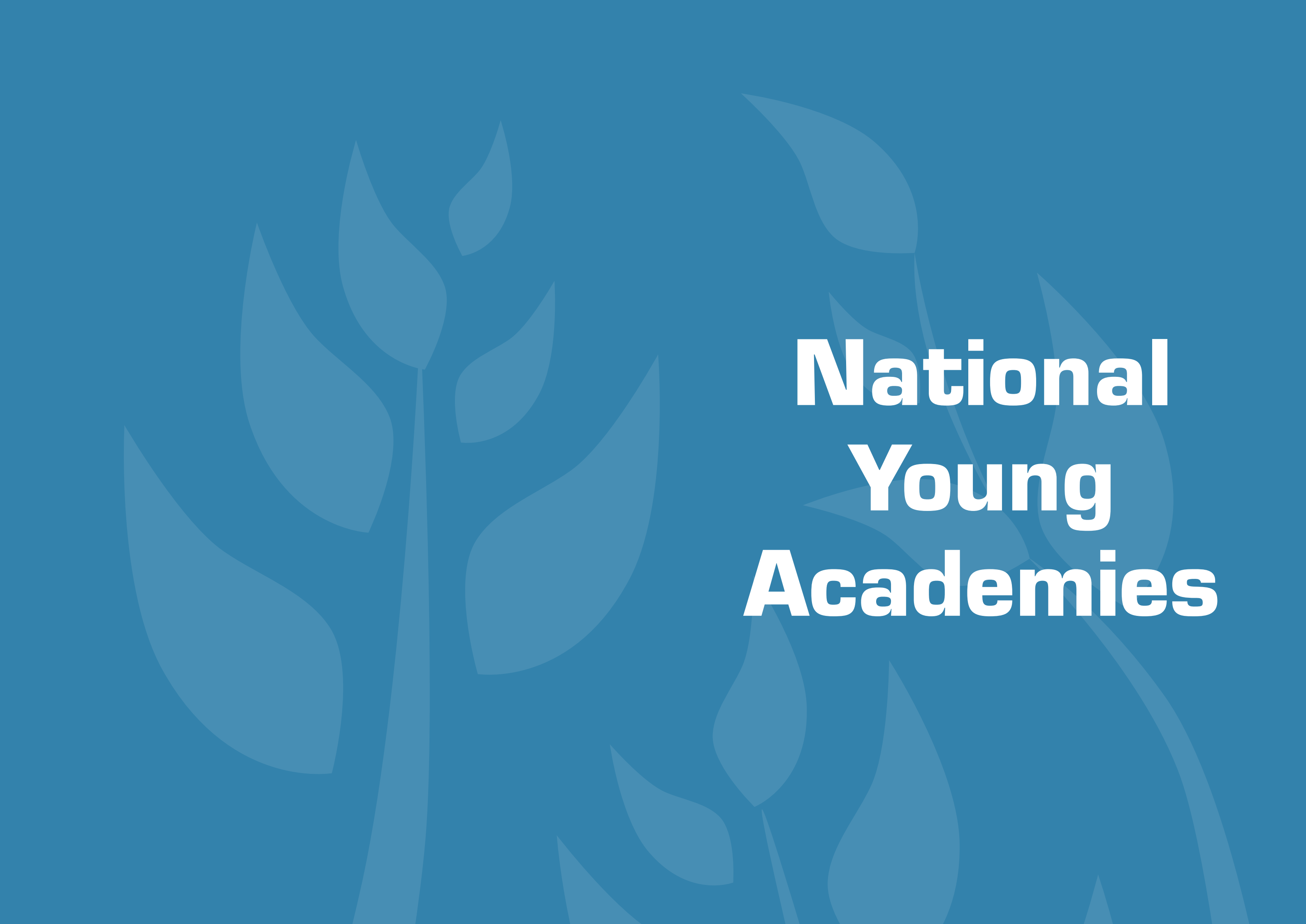
A similar mission was organised in November 2020 between GYA members [Pradeep Kumar](#) (University of the Witwatersrand, South Africa) and [Filippo Rossi](#) (Politecnico di Milano, Italy). [Read that report here.](#)



2021 Virtual Mission

In 2021, GYA members [Bernardo Urbani](#) (Venezuelan Institute for Scientific Research Center for Anthropology, Venezuela) and [Manuel Fernández-Götz](#) (University of Edinburgh, United Kingdom) carried out a YSAP virtual mission titled “Sharing views about the past during the pandemic: From archaeoprimatology to conflict archaeology”.

[Watch the video here.](#)

The background of the image is a solid blue color. Overlaid on this background is a pattern of stylized, light blue leaves and stems. The leaves are of various shapes, some elongated and pointed, others more rounded. They are arranged in a way that suggests growth and movement, with some leaves appearing to be part of a larger plant structure on the left side of the frame. The text is positioned on the right side of the image, centered vertically.

National Young Academies

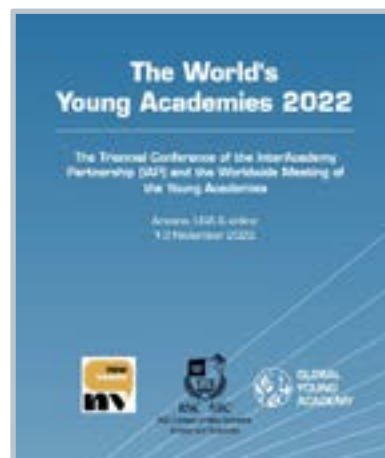
Worldwide Meeting of Young Academies

2021

Young Academies from all over Europe met virtually in May 2021. The meeting, organised and hosted by the Young Academy of Scotland, brought together representatives from 15 young academies and academy initiatives. Participants discussed young academies' best practices, and the role of young academies and ECrs in science-based policy advice.



The meeting also saw presentations by and interactions with high-profile speakers from Scotland's research-policy interface, for example, Dame Anne Glover, Chair of the Royal Society of Edinburgh's Post-COVID commission, and former Chief Scientific Advisor to the European Commission, who spoke on the role of young academies in global post-COVID resilience and recovery.



Download the 2022 Booklet "[The World's Young Academies](#)" to learn more about what Young Academies do and how they operate.

2022



The Worldwide Meeting of Young Academies (WWMYAs) took place jointly for the first time with The Triennial Conference of the InterAcademy Partnership in November 2022.

The joint meetings included IAP member academies as well as the world's young academies for the first time ever, and strengthened connections and collaborations between the young and the long-standing science academies the world over.

The meetings also provided an opportunity for the IAP's respective member academies to learn about young academies' and their activities.

[Read more on the WWMYAs here.](#)



GYA facilitates establishment of YASAS

Young Academies Science Advice Structure

In 2020, Young Academies in Europe together established YASAS – the Young Academies Science Advice Structure, to become part of the European Commission’s Scientific Advice Mechanism by joining the Science Advice for Policy by European Academies (SAPEA) project as one of six Europe-wide networks.

GYA members and Office staff helped facilitate this process from the start, by joining initial discussions about the set-up of YASAS, supporting the eventual establishment process, and providing in-kind administrative staff support to assist the work of the YASAS Board during the first year of YASAS operation.

The first Executive Board Members of YASAS are Chair Jacek Kolanowski (Polish Young Academy), with further Board Members including former GYA EC member [Maral Dadvar](#) (Stuttgart Media University, Germany), Lucas Haffert (German Young Academy), Maria Jose van Tol (Dutch Young Academy), and Moniek Tromp (Young Academy of Europe).

YASAS is a collaboration of 13 National Young Academies: Belgium, Denmark, Estonia, Finland, Germany, Hungary, the Netherlands, Norway, Poland, Romania, Scotland, Spain, and Sweden, as well as the transnational Young Academy of Europe and the Global Young Academy.



Network of Young Academies grows

The number of Young Academies or similar initiatives around the world grew substantially in 2022, and now numbers over 50.

New YAs and similar initiatives included the United Kingdom Young Academy (UK Young Academy), the Young Academy of Ireland (YAI), the Rwanda Young Academy of Science (RYAS), the National Young Academy of Côte d'Ivoire (NYA-CI), and the Zambia Young Academy of Sciences (ZYAS).

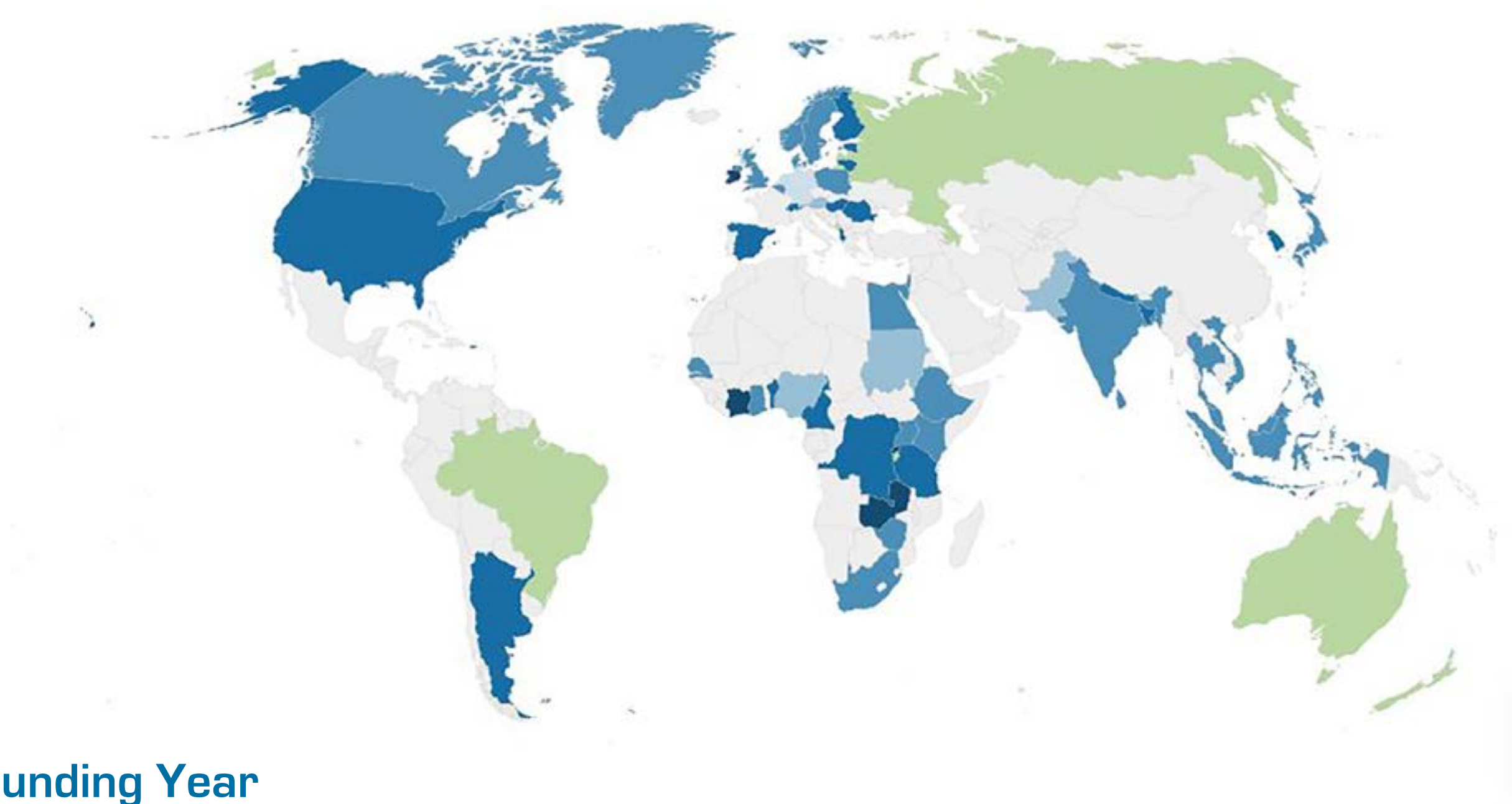
Of particular note was the first National Young Academy in Latin America and the Caribbean, the Young Academy of Argentina (AJA).

The GYA seeks to help the young academies movement by supporting the establishment and development of young academies and similar initiatives with ongoing cooperation and networking events and opportunities.

Along these lines, the GYA has developed and collected a number of useful tools, [which you can find here](#).



NYA Map



Founding Year

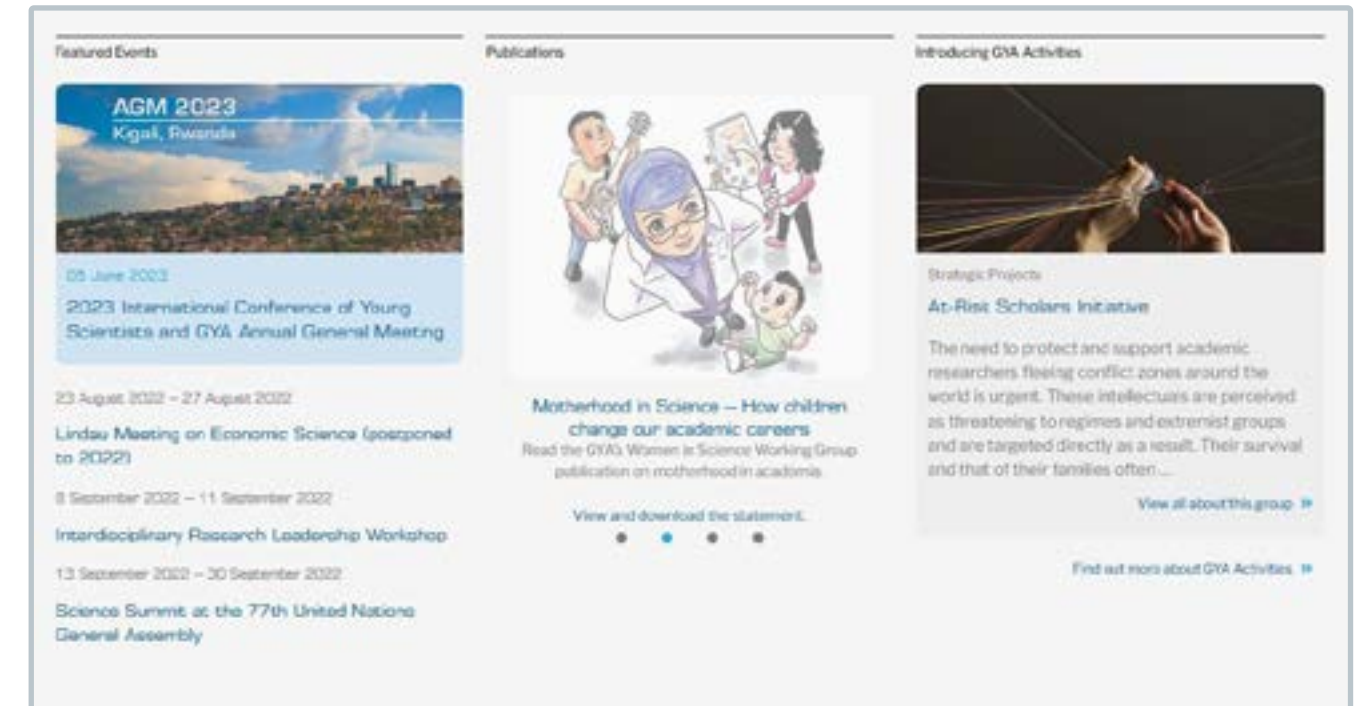
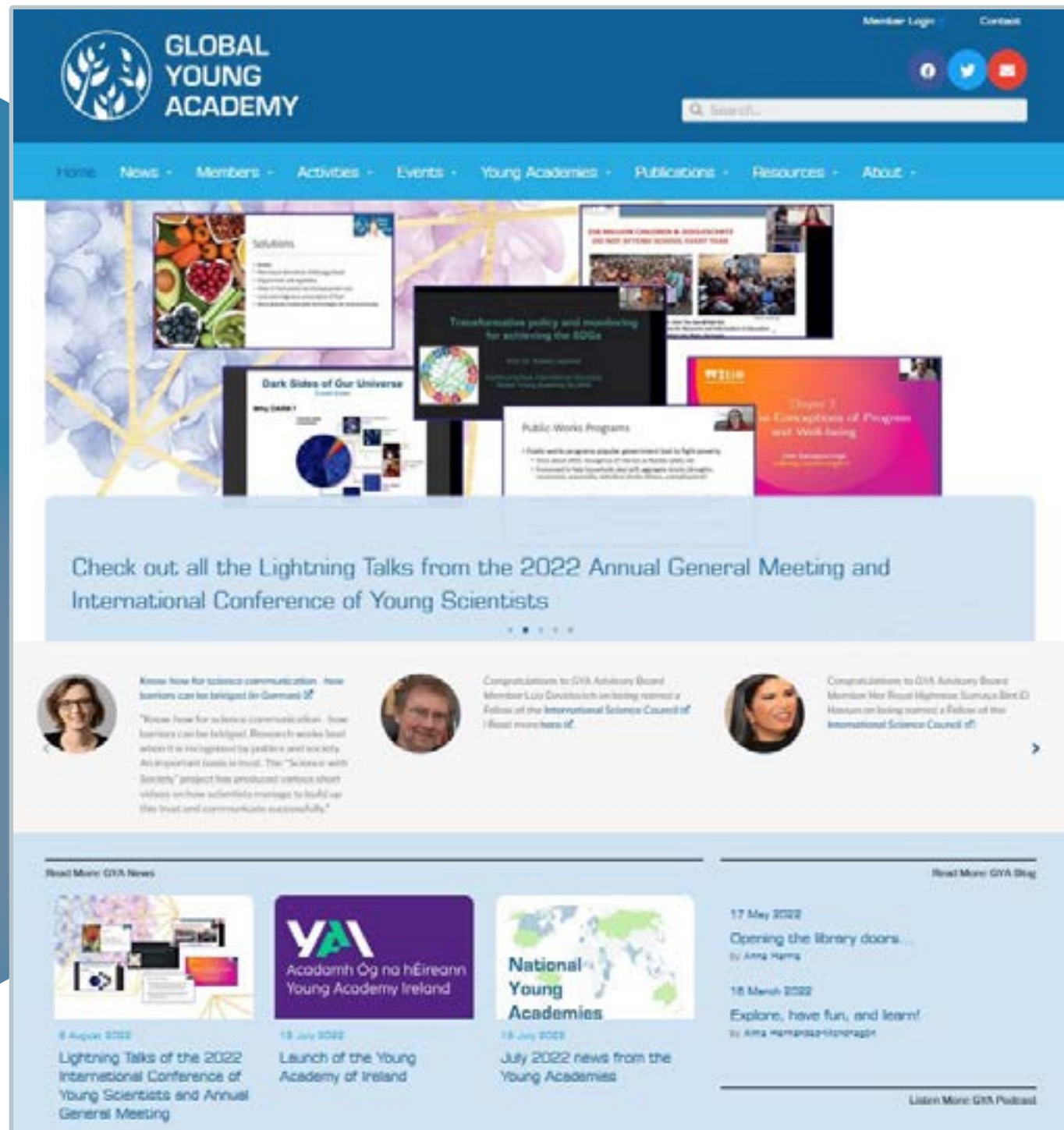


The background of the image is a solid blue color. Overlaid on this background is a pattern of stylized, light blue leaves and stems. The leaves are of various shapes, some elongated and pointed, others more rounded. They are arranged in a way that suggests growth and movement, with some leaves pointing upwards and others downwards. The stems are thin and curved, connecting the leaves. The overall effect is a clean, modern, and organic design.

Media

GYA online

New website unveiled!



In 2022, Senior Media Officer Kirsten Geithner accomplished the momentous task of redesigning and relaunching our website!

In addition to an updated look and feel, the new site has added functionality, search options, and a multi-panelled slider to showcase GYA members and their most recent achievements - both individually and collectively - as well as organizationally relevant happenings.

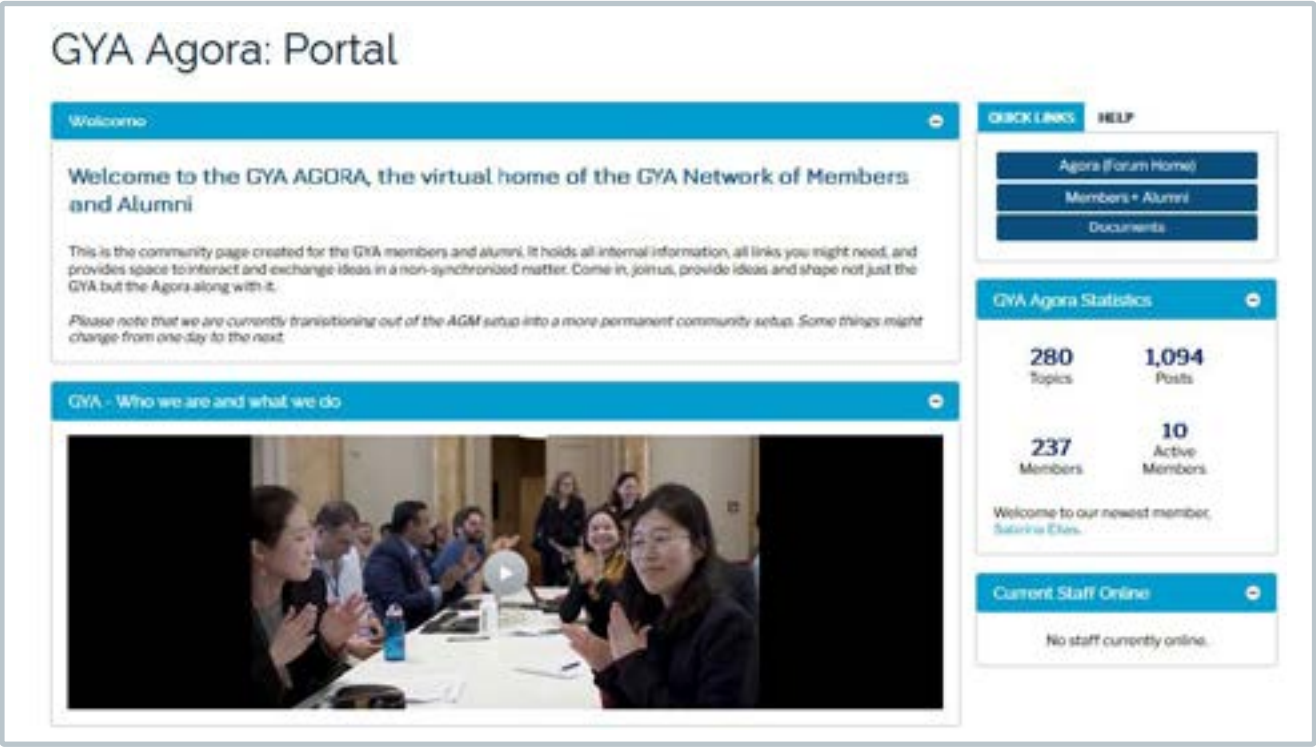
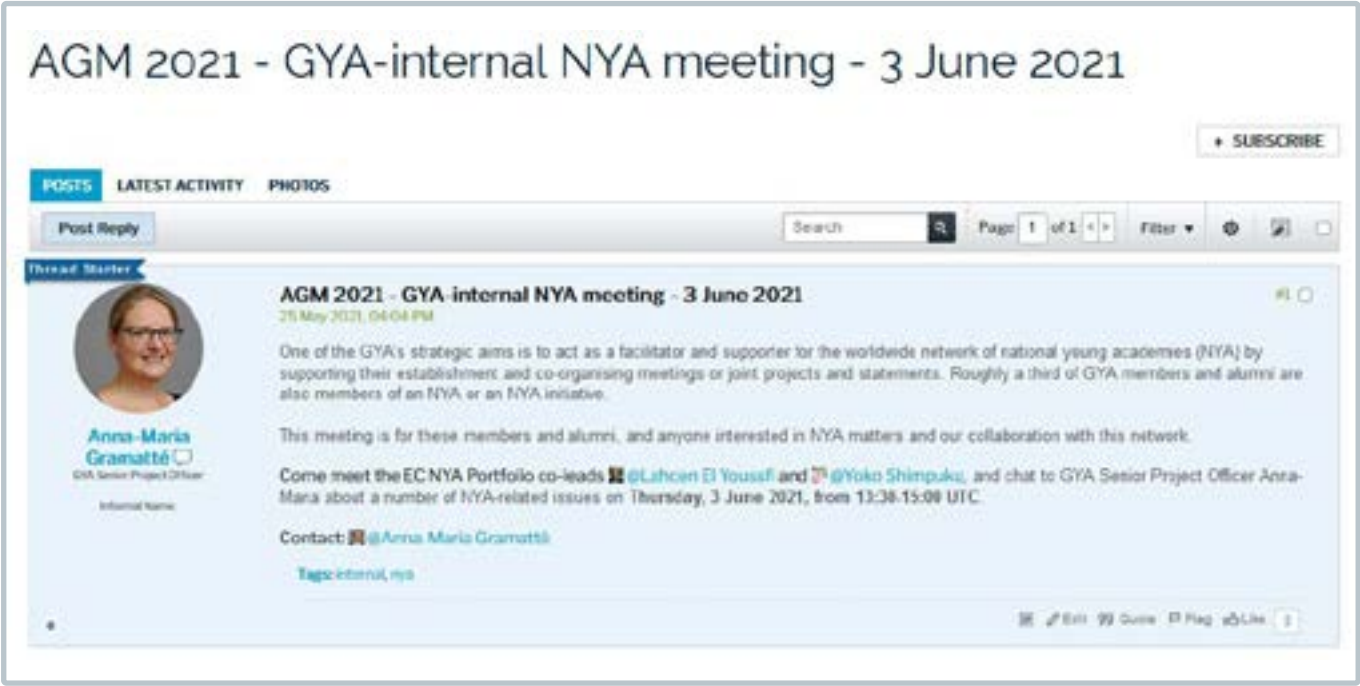
Come visit and see it for yourself!

GYA AGORA

continues to evolve

The GYA AGORA is the virtual community platform of the GYA network of members and alumni, developed by Senior Media Officer Kirsten Geithner.

The AGORA allows GYA members and alumni to share all types of internal information, links, and documents that a member or alumni might need. It also provides a space to interact and exchange ideas in a non-synchronized manner.



Originally developed as a way to provide an interactive space for our virtual Annual General Meetings and International Conference of Young Scientists, the platform has grown to be an all-round internal community platform.

GYA Members and alumni can login [here](#).

Social Media highlights

The GYA is present on various social media platforms, and conducts regular campaigns to highlight our members' work, GYA publications and meetings, as well as those of our partners. We keep tabs on our illustrious alumni, too!

We also pay close attention to the social media presence of young academy and similar initiatives around the world, as well as our various partners' feeds.

Key numbers as of December 2022



12,200 Twitter followers (up from 6,500 in 2020)
<https://twitter.com/GlobalYAcademy>



10,300 Facebook followers
<https://www.facebook.com/GYA.online>



2,950 LinkedIn followers (up from 1,500 in 2021)
<https://www.linkedin.com/company/globalyoungacademy/>



261 Instagram followers ((established in August 2022)
<https://www.instagram.com/global.young.academy/>



636 YouTube subscribers
<https://www.youtube.com/GlobalYoungAcademy>



The background of the slide is a solid blue color. Overlaid on this background is a pattern of stylized, light blue leaves and stems. The leaves are of various shapes, some elongated and pointed, others more rounded. The stems are thin and curved, creating a sense of movement and growth. The overall effect is a clean, modern, and nature-inspired design.

GYA Publications

GYA Publications

Voices of Early Career Researchers in and out of the Academy: A Pan-African Perspective

This publication offers narratives that highlight the on-the-ground experiences of African Early-Career Researchers who are trying to navigate their careers while dealing with personal and work challenges and affordances. Due to their personal nature, the accounts can often speak to us in ways that statistical reports and summaries may not.

Click the image, or [download here](#).



Reviewing research on researchers: Our knowledge of early-career researchers in Latin America and the Caribbean

This working paper is a systematic review of 101 articles dealing with early-career researchers in Latin America and the Caribbean. The paper signals the most significant gaps in this body of literature, including empirical, methodological and conceptual issues, which we argue have influenced the present state of the evidence. This results in a clear agenda for future research.

Click the image, or [download here](#).



GYA Connections 9- COVID-10 and Human Vulnerability

In addition to introducing our awesome New Members, this issue explored how early-career researchers were dealing with the health implications of the pandemic, as well as the lockdowns that we were all facing. The A-Z of Hope feature presented 26 reasons to remain hopeful in times of difficulty, while our Women in Science group presented their 2020 publication “Motherhood in Science”.

Click the image, or [download here](#).



GYA 2021 AGM and Conference Report and Conference Statement

The full report and the Conference Statement from the GYA's 2021 online International Conference of Young Scientists and Annual General Meeting on the topic “Trust in Science” contains a message from the GYA Co-Chairs, and includes summaries, insights and links to session recordings from the International Conference panels.

[Download the Conference Report here.](#)

[Download the Conference Statement here](#)

Yearly Report 2020

The historical occurrences of 2020 will be examined for years to come, but one thing is for sure – the vibrancy of the GYA community was evident throughout. Not only did the GYA quickly adopt a Statement and an Infographic with recommendations on how to stay safe and healthy, various members and Working Groups provided guidance to avoid contracting the disease itself, as well as how to deal with the unprecedented pressures that early-career researchers suddenly found themselves facing.

[Download the GYA Yearly Report 2020 here.](#)



Research assessments that promote scholarly progress and reinforce the contract with society

Members of the GYA working group on Scientific Excellence, together with ALLEA, jointly organised an online workshop entitled “Research assessments that promote scholarly progress and reinforce the contract with society”.

The event raised key questions about the purpose and goals of research assessments.

[The joint Workshop Report is available here.](#)



GYA Publications

GYA Connections 10 - Leadership

The themed articles explore the issue from various angles, including “Leadership skills in the scientific workforce”, and “Leading during the COVID-19 pandemic: Notes from Egypt”. Other articles feature past GYA Co-Chairs discussing their time leading the GYA, an article on combating “Hardcore science skepticism”, and a feature on our Science with Society project. The issue also introduces the 39 amazing members of our 2022 cohort!

Click the image, or [download here](#).



The World’s Young Academies 2022

As part of the GYA's contribution to co-organizing the Triennial Conference of the InterAcademy Partnership and the Worldwide Meeting of Young Academies in 2022, the GYA developed this booklet to highlight the world’s 54 National Young Academies as of October 2022. The past three years have seen the launch of a number of Young Academies in countries such as Argentina, DR Congo, Ireland, Ivory Coast, Romania, Rwanda, UK, and Zambia. More Young Academies are close to launching in 2022 or 2023

[Download the GYA Yearly Report 2020 here.](#)

The Global State of Young Scientists in Latin America and the Caribbean: An Exploration of Constraints and Strategies

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.

Click the image, or [download here](#).



Back to basics: Scientists' perception on the global state of funding for fundamental research

This report delivers the outcomes of a survey of researchers from around the world on the state of our research system, specifically around researchers’ perceptions on funding for fundamental, use-inspired, and applied science, how this has changed over time, and the potential consequences of current funding trends.

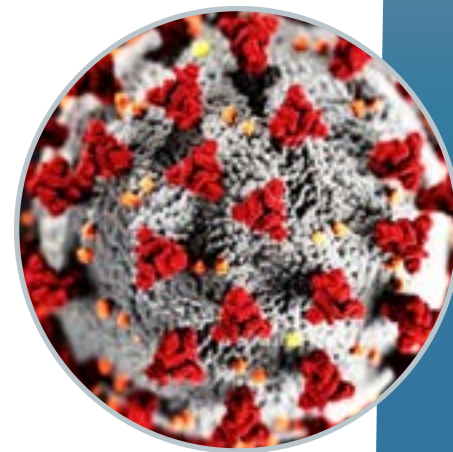
[Click the image, or download here.](#)

GYA Statements

Beyond Boundaries: A global message from young scientists on COVID-19

Governments must consider the best science available to make informed decisions, the public must act responsibly, and young researchers must recognise that they can be a crucial part of the solution. This GYA Statement delivers specific recommendations for governments, the public, and young researchers.

Click the image, or [download here](#).



GYA Women in Science stay and work from home: How might we make COVID-19 lockdown work for us?

This paper aims to share personal wins and approaches that have worked for the Women in Science working group during the times of lockdown and working at home, as well as home schooling. In addition, we argue that the only long-term solution is a global effort towards gender inclusivity and equality.

Click the image, or [download here](#).



GYA 2020 Conference Statement: Heal the Earth

The GYA 2020 International Conference was a platform to discuss the interlinkages between various disciplines of science and explore how these connections can be harnessed to work towards the United Nations SDGs. With the detailed recommendations provided in this conference statement, the GYA reconfirms its commitment to excellent and innovative science and research, and to collaborative efforts to help solve challenges of present and future generations worldwide.

Click the image, or [download here](#).



GYA 2021 Conference Report and Conference Statement on Trust in Science

The full report and the Conference Statement from the GYA's 2021 online International Conference of Young Scientists and Annual General Meeting on the topic "Trust in Science" contains a message from the GYA Co-Chairs, and includes summaries, insights and links to session recordings from the International Conference panels.

[Download the Conference Report here.](#)

[Download the Conference Statement here.](#)



GYA Statements

GYA Anti-discrimination Statement

As a global science organization, we at the GYA re-commit to ensuring that our internal and external work combats racism and systemic bias resulting in discrimination in all its forms, across race, culture, religion, gender, sexual identity and orientation, socioeconomic status, caste, or physical ability. This Anti-discrimination Statement reaffirms our support to movements fighting racism and discrimination around the world.

Click the image, or [download here](#).



GYA Statement on violence in Iran

The GYA calls for the full respect of the independence and freedom of science in Iran, which is globally accepted and enshrined in the right to science in Article 15 of the International Covenant on Economic, Social and Cultural Rights, which Iran has ratified. As a global group of early-career researchers – 50 percent of whom are female – the GYA are especially in solidarity with the many brave women who demonstrate under the slogan “Women, Life, Freedom”.

Click the image, or [download here](#).



GYA Statement on Russia's war in Ukraine

The GYA calls on all universities, institutes, and academic institutions around the world to open their doors to students, researchers, and academics from Ukraine, and to uphold scientific collaborations with Russian scholars.

The GYA supports science diplomacy for the global endeavours of science and scholarship, and in support of individuals pursuing research, often already under restricted conditions.

Click the image, or [download here](#).



Reducing the impact of COVID-19 on inequalities in higher education: A call for action to the international community. Joint Communiqué of the InterAcademy Partnership and the Global Young Academy

This communiqué highlights some of the most pressing challenges and opportunities for higher education systems globally surrounding inequalities, and includes recommendations to harness the lessons learnt during the pandemic to reduce the long-term impacts of COVID-19 on higher education systems.

Click the image, or [download the Joint Communiqué here](#).

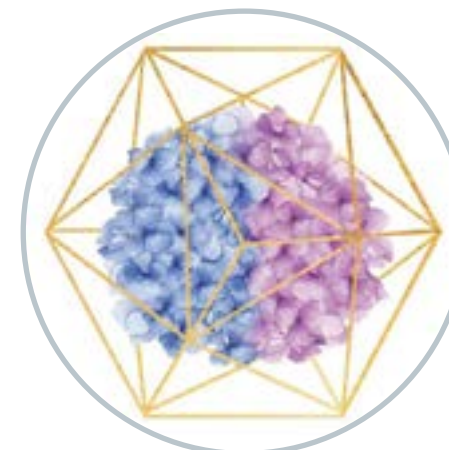


Fukuoka Declaration

In June 2022, the GYA, in collaboration with the Young Academy of Japan, convened its members and alumni along with early-career researchers, students, and science policy stakeholders from around the world to discuss ways to transcend disciplinary silos, spark a global interdisciplinary dialogue to reform the science system, and re-think the contribution of science to society.

The Fukuoka Declaration outlines the actions needed to change the relationship between society and science.

Click the image, or [download the Fukuoka Declaration here](#).



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About the Global Young Academy

The vision of the GYA is *science for all; science for the future*, and its mission is to give a voice to young scientists and researchers around the world. The GYA, founded in 2010, is an independent science academy of 200 outstanding early- to mid-career researchers from six continents who are selected from across disciplines based on their academic excellence and commitment to engage with society. GYA members serve five-year terms, and the GYA presently counts members and alumni from 94 countries. The GYA administrative Office is publicly funded and hosted at the German National Academy of Sciences Leopoldina. The wide array of GYA activities are supported by a range of international public and private funders.

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Prosper Ngabonziza
(Max Planck Institute for Solid State Research, Germany)

Managing Director: Beate Wagner (Germany)



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