



GYA Newsletter

October 2021

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Tsukuba Conference

The Tsukuba Conference 2021 featured a Keynote Address by GYA Co-Chair Roula Inglesi-Lotz, approximately 20 other GYA members, and several Nobel Laureates. The full report on the event is available below.

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follow us, watch us!*



GYA News



GYA 2021 AGM and Conference report released

The GYA has published a full report on its 2021 online International Conference of Young Scientists and Annual General Meeting on the topic “Trust in Science”.

The report leads with a message from the GYA Co-Chairs, and includes summaries, insights and links to session recordings from the International Conference panels and GYA Working Group discussions on a diverse range of topics.

Also included are overviews of an annual science leadership workshop for new GYA members and a policy memo writing workshop co-organised by the GYA [Science Advice Working Group](#).

[Read more here.](#)



charge policies

The GYA supports Open Science and Open Access (OA) in a variety of ways, including our collaboration with the [Open Research Europe](#) publishing consortium, our [Open Science Working Group](#), and now also through our endorsement of the Statement titled "Article Processing Charge (APC) Policies on Open Access (OA) Publishing Model: The Impact on Developing Countries and the Need for a Multilateral Solution."

The Statement challenges the author-pays OA publishing model, which the GYA strongly opposes because it places undue burdens on researchers from low- and middle-income countries around the world.

[Read the full report here.](#)

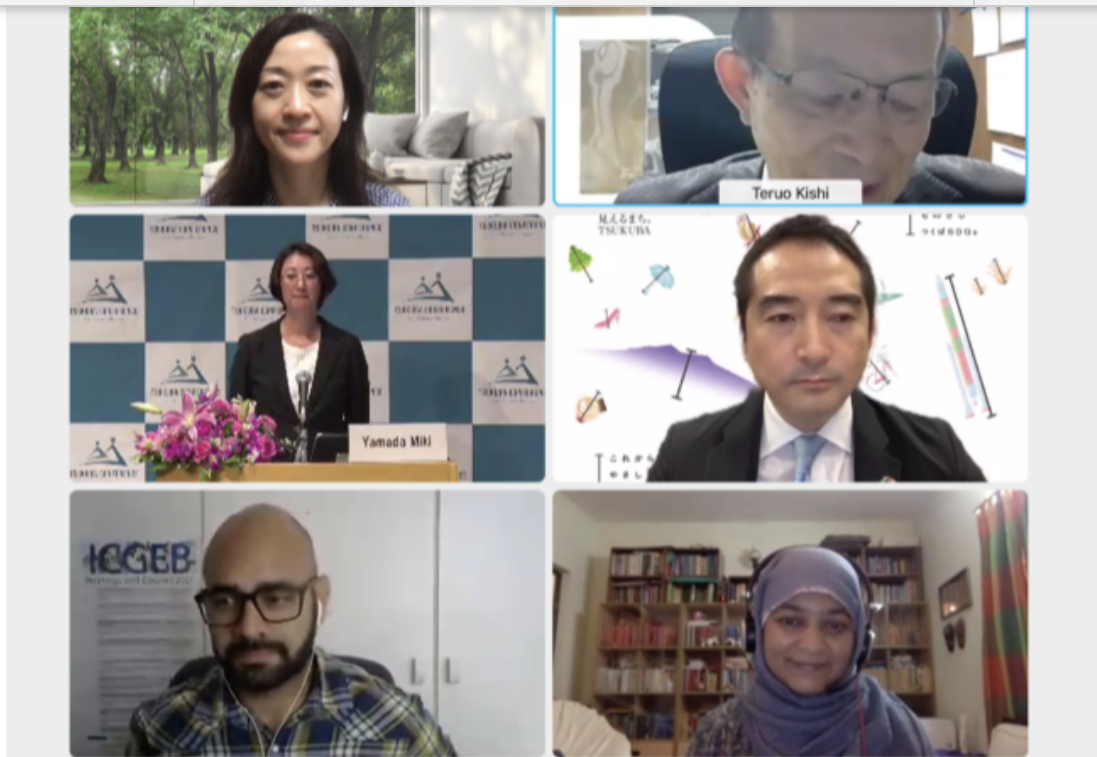


GYA member receives International Science Council award during its 2021 General Assembly

The online [International Science Council](#) (ISC) General Assembly (GA) in October 2021 brought ISC members together to review the achievements of the past 3 years, as well as facilitate general business discussions, move forward strategy papers, and hold elections. As an Affiliate Member of the ISC, all GYA members are welcome and encouraged to engage with the organisation.

This year marked the first edition of the ISC Awards Programme, during which GYA member [Shymaa Enany](#) (Suez Canal University, Egypt) was awarded the Early Career Scientist Award - Africa, and [Scholars at Risk](#), a partner organisation of the GYA's [At-Risk Scholars Initiative](#), were awarded the Scientific Freedom and Responsibility Award.

[Read the full report here.](#)



Tsukuba Conference 2021 features GYA Co-Chair and members, and Nobel Laureates

In cooperation with the [Young Academy of Japan](#), GYA member and past Executive Committee (EC) member [Yoko Shimpuku](#) (Hiroshima University, Japan) facilitated the inclusion of approximately 20 GYA members and other early-career researchers (ECRs) in several planned sessions, including Nobel Laureates sessions and Future Shapers sessions.

GYA Co-Chair [Roula Inglesi-Lotz](#) (University of Pretoria, South Africa) provided a Keynote Speech at the Opening Ceremony, and several other GYA members co-organised plenary and parallel sessions on topics ranging from science diplomacy to strategic foresight.

[More information and links to all sessions are available here.](#)



Conversation with Early-career Researchers in Latin America and the Caribbean region

Together with the [Inter American Institute for Global Change Research](#) and the [National Science Policy Network](#)'s Science Diplomacy Committee, the GYA hosted a joint learning opportunity and social event to explore the current challenges and experiences of early-career researchers in Latin America and the Caribbean.

[Read more about the workshop here.](#)

think • go climate conscious



Certificate

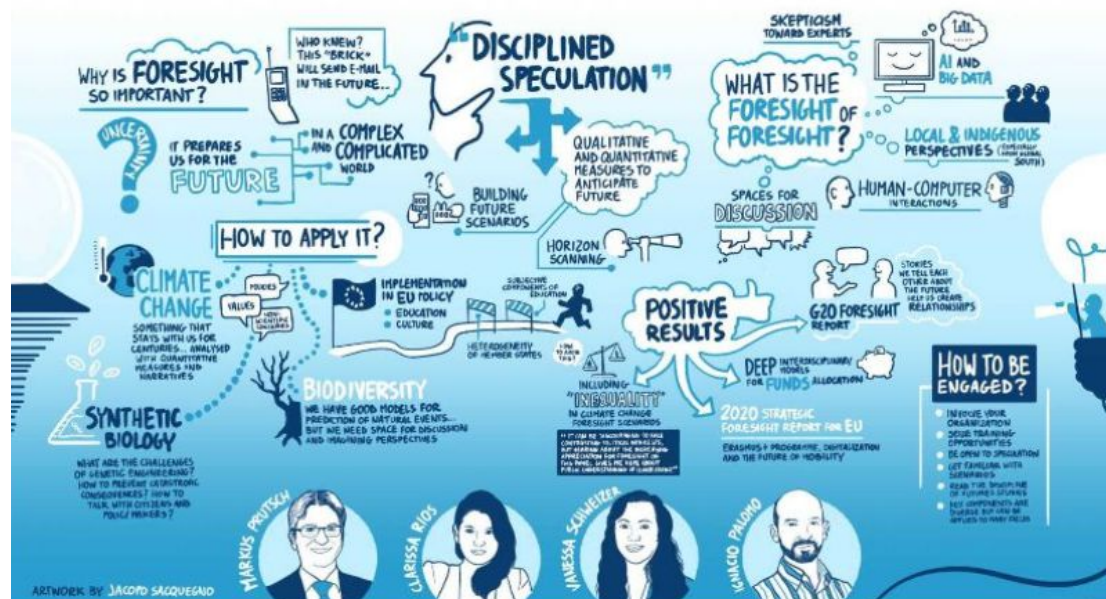
for offsetting greenhouse gas emissions

GYA commits to be carbon-neutral

In late 2020, the GYA committed to offset carbon from every flight taken on its behalf. After a time of exclusively online meetings, air travel is now slowly picking up again and in November, GYA members [Alma Cristal Hernández-Mondragón](#) (Center for Research and Advanced Studies of the National Polytechnic Institute, Mexico) and [Alexandra Dmitrieva](#) (Support, Research and Development Center, Ukraine) will fly to

7,536 kg of CO₂ greenhouse gases were offset through a [climate project in India](#), which supports thousands of small farmers who sell their crop waste to biomass plants, thereby replacing fossil fuels with renewable energy sources. The project supports United Nations Sustainable Development Goals 1 (No Poverty), 3 (Good Health and Well-Being), 7 (Affordable and Clean Energy), 8 (Decent Work and Economic Growth), and 13 (Climate Action), and will be supported by the GYA during the period 2021-2023.

GYA Blog



STRATEGIC FORESIGHT FOR FUTURE NORMAL Perspectives from Young Scientists • 23 SEPT 2021



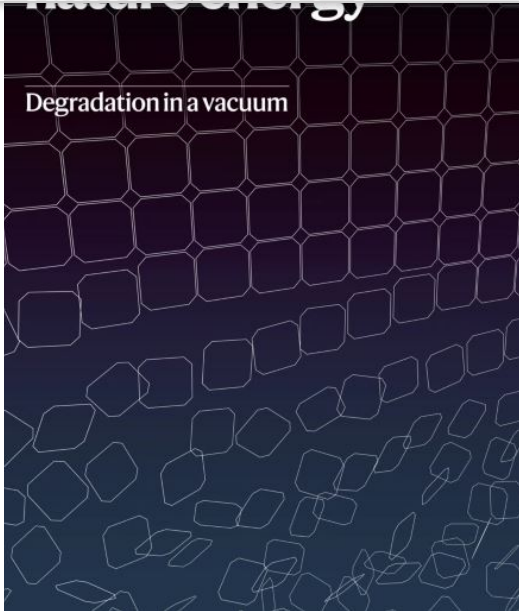
Strategic Foresight for the Future Normal of Young Scientists

To pursue future-oriented decision-making, institutions, organisations, and citizens must think strategically about the future and prepare themselves for both the predictable (new normal) and the unpredictable (future normal).

A discussion on this topic was recently held during the [Tsukuba Conference for Future Shapers 2021](#), moderated by [Science Advice](#) working group member [Felix Moronta Barrios](#) (International Centre for Genetic Engineering and Biotechnology, Italy), who used the discussion as inspiration for this article.

[Read the GYA blog here.](#)

Items of interest



Degradation in a vacuum

Build your village

In a Nature Energy article, GYA Executive Committee member **Derya Baran** (King Abdullah University of Science and Technology, Saudi Arabia) discusses how creating strong and cross-disciplinary relationships is pivotal to flourish in your career.

[Rear the article here.](#)

ISC Science in Exile podcast

GYA member **Eqbal Dauqan** (University of Oslo, Norway) shares her story of leaving Yemen to continue her research overseas.

[Listen to the podcast here.](#)



Astrid Eichhorn, the Speaker of the [Junge Akademie](#) Board, also chairs the [ALLEA Working Group on Climate Sustainability in the Academic System](#).

Her essay argues that science should transition to a climate-sustainable mode of operations while it still has the opportunity to determine its own path.

[Rear the article here](#).

GYA in the media

[Dealing with interlinkages – A focused approach for implementing the SDGs and overcoming the COVID-19 crisis](#) - G20 Insights

[Don't be snobby towards the public, researchers told](#) - Research Professional News

[Planning for Coming Crises – Do We Need to Restructure Our Institutions for the Next Emergency?](#) - German Federal Cultural Foundation

News from our members and alumni

[Ramia Al Bakain](#) (The University of Jordan, Jordan) was chosen by the US. Department of State's Bureau of Educational and Cultural Affairs as a [TechWomen Emerging Leader 2022](#).

Alumna [Amal Amin Ibrahim](#) (National Research Center, Egypt), was recently [elected to the ORCID Board](#).

[Cristina Blanco Sío-López](#) (Ca' Foscari University of Venice, Italy) was interviewed about inequality and the history and future of the European Union by [Europe's Stories](#).

Alumnus [Jauad El Kharraz](#) (Regional Center for Renewable Energy and Energy Efficiency, Egypt) was named the new Executive Director of the Regional Center for Renewable Energy and Energy Efficiency. [Read more here](#).

[Shymaa Enany](#) (Suez Canal University, Egypt) received the [Early Career Scientist Award](#) (Africa) from the [International Science Council](#).

[David Fernandez Rivas](#) (University of Twente, Netherlands) is featured in a [World Economic Forum video](#) for his work on needle-free injections.

Alumna [Shabana Khan](#) (School of Planning and Architecture, India) is one of the winners of the INGSA-Asia Grassroots Science Advice Promotion Award 2021 for her entry, "Linking Science and Policy into Planning for Existing and Evolving Risks of COVID, Climate Change and Disasters: Identifying Challenges and Opportunities".

[Pradeep Kumar](#) (Wits University, South Africa) has been selected to participate in the

Alumnus **Tonni Kurniawan** (Xiamen University, China) was listed by Stanford University and Elsevier among the **Top 2% scientists of the world** (2020) in the field of environment.

Robert Lepenies (Karlshochschule International University, Germany) was named Special Advisor to the **ISC project Public Value of Science**. Robert also published the chapter "**The ethics of behavioural public policy**" with Magdalena Malecka as part of the book "The Routledge Handbook of Ethics and Public Policy".

Felix Moronta Barrios (International Centre for Genetic Engineering and Biotechnology, Italy) co-authored a **policy brief**, recommending three ways to improve resilience to agricultural productivity by harnessing digitally-enabled plant breeding programmes from G20 countries.

Alumna **Connie Nshemereirwe** (Actualise Africa, Uganda) was **appointed as the new Director** of the Africa Science Leadership Programme.

Filippo Rossi (Politecnico di Milano, Italy) received the International Journal of Molecular Sciences (IJMS) **Young Investigator Award**.

GYA Co-Chair **Michael Saliba** (University of Stuttgart, Germany) received the **Curious Minds Award** during the 2021 German Researcher Hall of Fame ceremony. [Read more here](#).

Abhi Veerakumarasivam (Sunway University, Malaysia) was recently featured in **The Petri Dish**, Malaysia's first science newspaper.

Please use [this form](#) to send us your stories and accomplishments - we'll include them in social media and in the newsletter!

News from the Young Academies

Young Science Beyond Borders conference 16-17 December

The **Polish Young Academy** (PYA) is organising the first Young Science Beyond Borders (YSBB) conference online on 16-17 December 2021. The conference will bring together early- to mid-career researchers and students from Poland and countries of Eastern Europe and the Central Asia region, across various disciplines for presenting their research results, networking opportunities, and promoting research funding. The conference features four parallel thematic sessions (humanities, (bio)organic chemistry & biology, computational physics and chemistry & material and mechanical engineering), a session for students and early-career researchers to share research interests in the form of short flash presentations, a networking event that aims at bringing together students and young scientists, as well as a dedicated session on funding opportunities for students and early-career researchers in Poland and the European Union.

Young Academy of Scotland Sustainable Business Travel Pledge

The [Young Academy of Scotland](#) has launched a Sustainable Business Travel Pledge for individuals whose professional roles have traditionally involved significant amounts of long-distance travel and who can make their own decisions about when and where to travel. In particular, this applies to many individuals working in academia and other research organisations. While employers and funding bodies have a crucial role to play in reducing the environmental impact of business travel in these sectors, this pledge focuses on actions that can be taken at an individual level to address this issue. Members of all young academies can find more information on the pledge and how to sign up to it, [here](#).

Short film series on life and research in Norway

The [Young Academy of Norway](#) has created a short film series on how to navigate Norwegian Academia. The series consists of five short films about a week in the life of young researchers in Norway, with each film touching on a different issue related to academic life and work in Norway: work-life balance, recruitment practices, diversity, language use, and collaborative relationships. The films are available on their YouTube channel [here](#).

Kavli Prize 2022: Invitation to Nominate

Nominations for the 2022 Kavli Prize are now open ([link here](#)). The Norwegian Academy of Science and Letters invite GYA members and alumni, as well as members from the National Young Academies, to nominate scientists whose research has fundamentally transformed astrophysics, nanoscience and neuroscience – the big, the small, and the complex.

Nominations deadline is 1 December 2021.

Palestine Young Academy holds webinar on international collaboration

The [Palestine Young Academy](#) (PYA), with the support of the Palestine Academy for Science and Technology, held a webinar focused on the importance of scientific cooperation with Europe & the east. The webinar titled "Building bridges and New Connections with Arab and International Scientific Institutions" included discussions on building academic networks and connections internationally, and the PYA shared ideas for creating a platform for young Palestinian researchers to build new bridges and relationships with Arab and international scientific institutions, by encouraging them to engage in multidisciplinary research projects, and avenues for cooperation and participation in future projects.

First meeting of the National Young Academy of Nepal

The [National Young Academy of Nepal](#) recently held their first Annual General Meeting, where members discussed the role of a young academy in a country, and the role of young academies in science diplomacy among other topics. The young academy's first member cohort was officially welcomed during the meeting and a new EC was elected. See their [website](#) for more information.

Young Academy of Groningen releases podcast

"Humans of RUG" is a podcast series that showcases, in conversations with various guests, the many human faces of a large university such as the Rijksuniversiteit Groningen, the Netherlands.

The first episodes [are available here](#), as well as through regular podcast channels.

Partners

IAP webinar series on predatory academic practices

You are invited to participate in the upcoming series of free, online webinars on "Predatory Academic Practices: Regional Perspectives and Learning", organised by the [InterAcademy Partnership](#) (IAP) with the support of the GYA. The webinars are designed to help attendees learn more about predatory academic practices and minimise their risk of using them.

Registration is free and required for attendance.

Please register for the webinars as soon as possible [via this link](#).

International Science Council event - "UnlockingScience: Prioritising Institutional Response To Distrust In Science"

What can scientists and the institutions they work for do to respond to the distrust and mis-information in science around the world?

[Register now](#) to join this online panel discussion on 10 November from 12:30–13:30 UTC.

ALLEA Open Science Task Force releases Equity in Open Access 2021 Statement

This Open Science statement was prepared by ALLEA's [Open Science Task Force](#) on the occasion of the [2021 International Open Access Week](#). Past GYA Co-Chair and alumnus [Koen Vermier](#) (CNRS, France) contributed to the report.

The statement ([available here](#)) addresses how "gold" Open Access publishing routes and large read-and-write deals contribute to reinforcing and establishing inequitable

alternative publishing models and calls for adequate resources and infrastructure to support an equitable approach to Open Access across all disciplines.

World academies launch an action plan to combat both climate change and biodiversity decline

The IAP Statement "[Climate Change and Biodiversity: Interlinkages and policy options](#)" highlights that climate and biodiversity policies are currently insufficiently connected and addressing climate change and biodiversity decline together is central to achieving the Sustainable Development Goals (SDGs). [Read it here](#) and [share the new infographic](#).

GYA member [Ignacio Palomo](#) (CNRS, France) was a member of this IAP Working Group.

Uniting the world behind science: Transform21

The [International Science Council](#) (ISC) is working together with the incoming UK Presidency of COP26 to curate material related to the conference. [Discover the portal here](#).

IAP-NASAC workshop on decarbonising transport in Africa

The transport sector is a major source of greenhouse gas emissions globally. While much attention has been placed on the largest emitting economies, Africa is poised to soon become a major new player in the transport sector, with the potential to become a leader in the decarbonisation of transport movement. IAP and NASAC will host an online workshop focused on urban and transport planning and public and non-motorized transport considerations in the decarbonisation of transport in Africa, including infrastructure, financing, and policy considerations.

[Register here and join the workshop on 15-17 November](#).

Action for Afghan scientists and scholars

The [IAP](#) and the [ISC](#) express concern for Afghan scholars in Afghanistan and around the world, and call for urgent action to preserve gains made in education and research in Afghanistan in recent decades. The two organisations released the joint statement 'Action for Afghan scientists and scholars', [read it here](#).

Events

7-9 November 2021

[Falling Walls Science Summit 2021](#)

The Falling Walls Science Summit is part of the Berlin Science Week with over 200 events from 1–10 November 2021. GYA members [Alexandra Dmitrieva](#) and [Alma Hernández-Mondragón](#) were nominated to participate in a Volkswagen Foundation Symposium for breakthroughs in the social sciences and in humanities, at which GYA alumna [Sabina Leonelli](#) will be one of the speakers, as well as in further Falling Walls events and networking opportunities.

November/December 2021

[24 November - Africa](#)[3 December - Americas](#)[7 December - Asia](#)[14 December - Global](#)

This series of five free webinars is designed to help researchers in their respective regions learn more about predatory academic practices and minimise their risk of using them.

The webinars will be hosted by the [IAP](#), with the GYA, the [Association of Academies and Societies of Sciences in Asia](#) (AASSA), the [European Academies' Science Advisory Council](#) (EASAC), the [Inter-American Network of Academies of Science](#) (IANAS), the [Network of African Science Academies](#) (NASAC), and [The World Academy of Sciences](#) (TWAS).

14-17 June 2022**[2022 GYA Annual General Meeting and International Conference of Young Scientists](#)**

The 2022 GYA Annual General Meeting (AGM) and International Conference of Young Scientists will be held at Kyushu University in Fukuoka, Japan.

The theme will be “Harmonizing Reason with Sensibility: Regenerating science for an inclusive and sustainable future”. The meeting will be hosted by the [Young Academy of Japan](#), with support from the Science Council of Japan (SCJ).

In preparation for the 2022 International Conference of Young Scientists, GYA members have been working together within the Focus Area [“Harmonising reason with sensibility”](#).

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