

Who I am?

Executive
Committee Global
young Academy
(2020, 2022, 2024)

Member of Global
Young Academy
(2018)

Member of Indian
National Science
Academy (2019)

Member of OWSD

Focal person TWAS

Co-Lead, Women in
Science working
group (2019)

Women
empowerment and
capacity building
training and
workshops (more
than 100s)

Science outreach
for economically
weaker sections of
society

Professor Shalini S
Arya



Challenges for young women scientist in India

- Family over career: Balance of professional and Personal life
- Gender Bias and discrimination
- Limited resources
- Limited opportunities
- Safety concern
- Stereotypes
- Grants /fellowships
- Dowery
- Inequality



What can be done?

- Gender equality – policies
- Equal opportunities (hiring, promotions, and resource allocation)
- Work environments (sexual harassment, childcare)
- Flexible Working arrangements, parental leave, and childcare support
- Funding opportunity
- Creation of more opportunity
- Networking/collaboration
- Free education
- Senior and successful women as mentor

Global young Academy!



GYA Vision and Mission



Vision

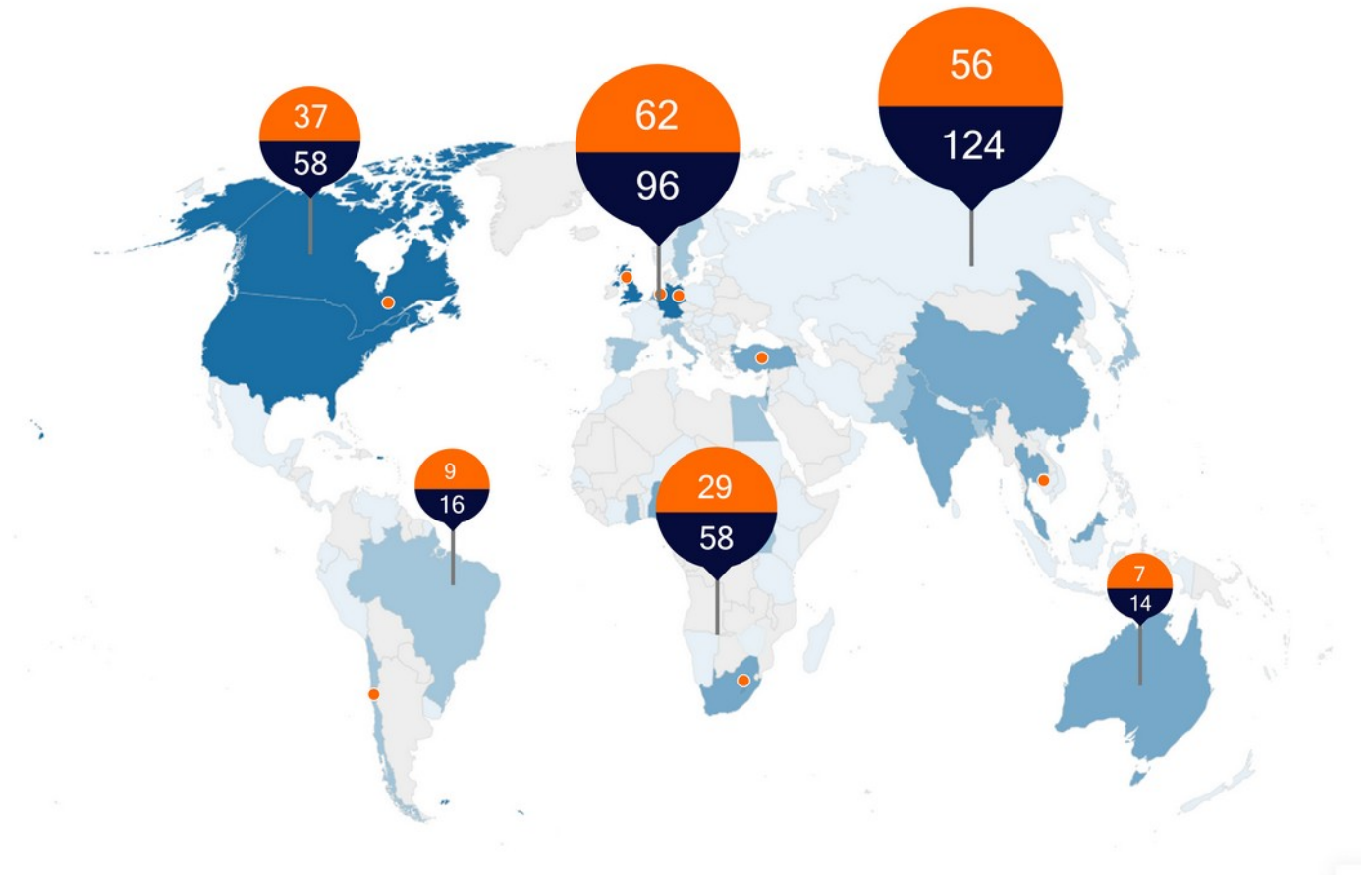
- **Science for all; science for the future**

Mission

- **To give a voice to young scientists around the world**
- Empower outstanding early- to mid-career scientists and scholars to lead international, interdisciplinary and intergenerational dialogue, both with each other and with external stakeholders
- Develop, connect and mobilise young talent from six continents
- Promote reason and inclusiveness in global decision-making
- Help create a better world

Who we are: The Global Young Academy

- An independent academy with 200 members and 407 alumni, altogether representing 101 countries.
- Selection criteria
 - Research excellence
 - Commitment to service/outreach
- Median age ~40y
- 5-year membership term

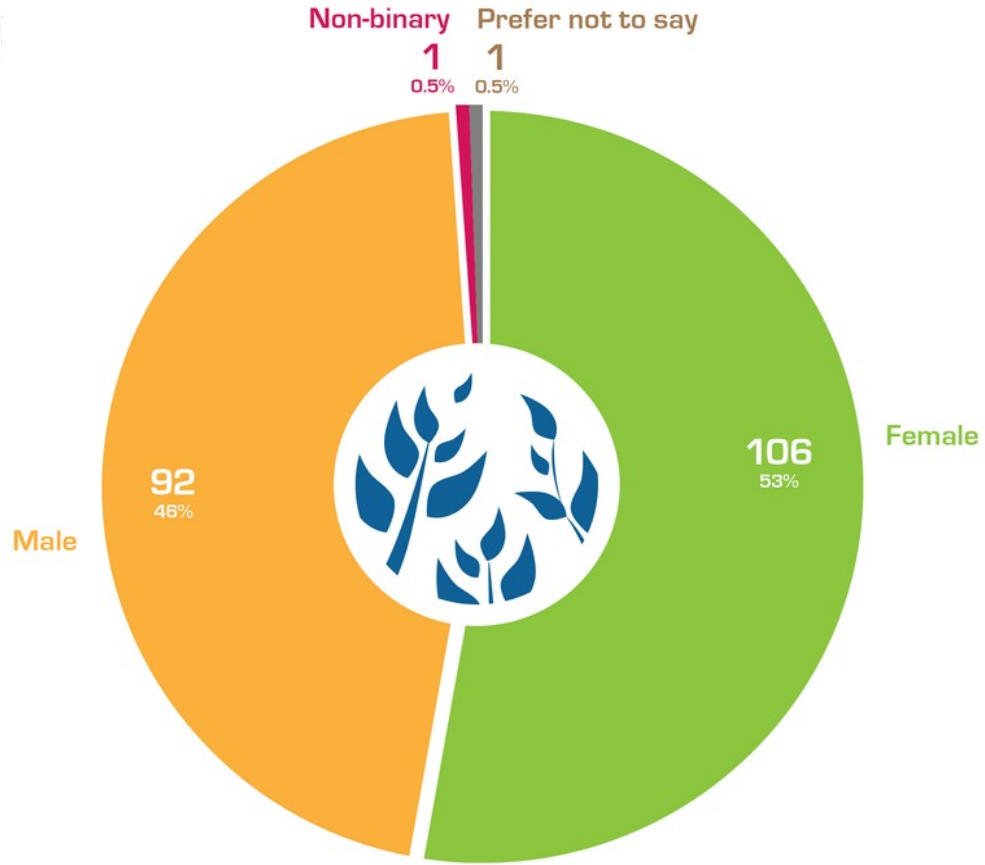


Who we are: Membership by Gender

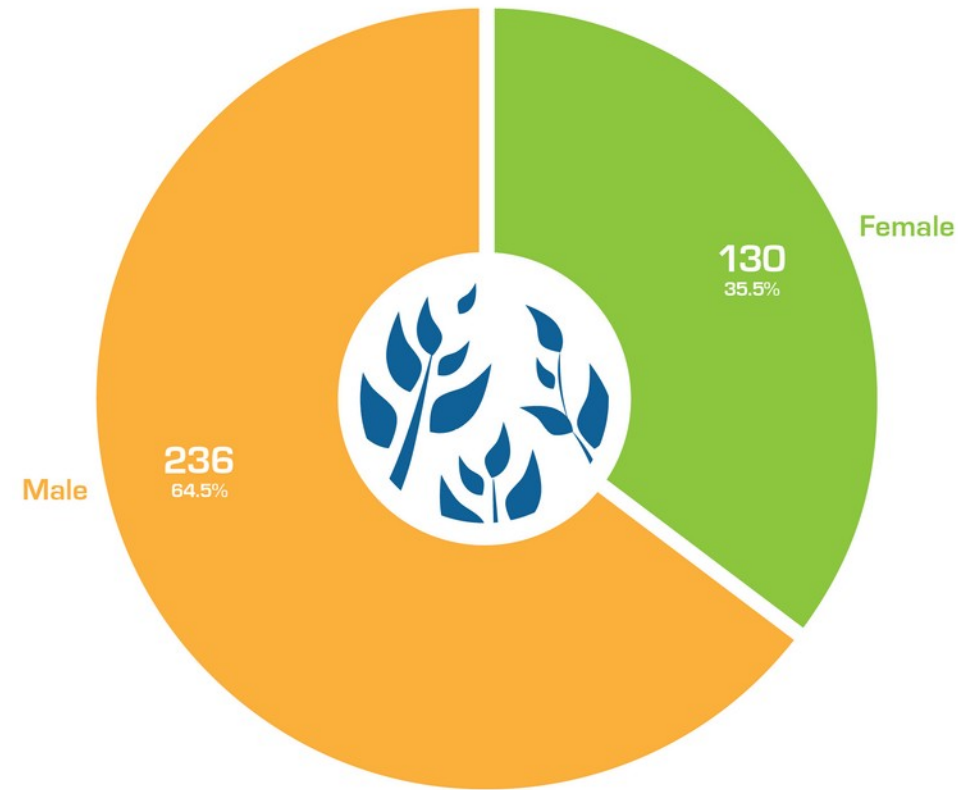


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Members:



Alumni:



Figures for 2022

Who we are: Executive Committee 2022/2023

• Co-Chairs

- Priscilla Kolibea Mante (Kwame Nkrumah University of Science and Technology, Ghana)
- Felix Moronta (International Centre for Genetic Engineering and Biotechnology, Italy)

• Executive Committee

- Yensi Flores Bueso (University College Cork, Ireland; University of Washington in Seattle, United States)
- Sri Fatmawati (Institut Teknologi Sepuluh Nopember, Indonesia)
- Hussam Hussein (Royal Scientific Society, Jordan)
- Monika Kędra (Institute of Oceanology Polish Academy of Sciences, Poland)
- Devina Lobine (Higher Education Commission, Mauritius)
- Andrea Molnar (Swinburne University of Technology, Australia)
- Markus Prutsch (European Parliament, Belgium)
- Clarissa Rios Rojas (University of Cambridge, United Kingdom)
- Arya Shalini Subash (Institute of Chemical Technology, India)



• Immediate Past Co-Chair

- Prosper Ngabonziza (Louisiana State University, United States)


What we do



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- **Support** young scientists in career development and independence
- **Build** science capacity in the developing world
- **Engage** in interdisciplinary, international and intergenerational dialogue on scientific issues
- **Promote** science education and science-policy integration

Activities - Themes



Science & Society

This theme concentrates on the contributions of science to questions and challenges of relevance to society, including policy advice on a global level.



Research Environment

The theme includes working groups and projects dealing with the conditions in which research inside and outside academia works. The activities range from science policy to open science.



Science Education & Outreach

The theme covers GYA activities and projects that work to inspire and educate people about the value and possibilities of science.

How we do it

- Develop a global network of young leaders in science
- Comment via position papers, op-eds, and timely statements
- Give advice and input to international institutions and fora
- Initiate interdisciplinary projects and activities
- Conduct research studies
- Support and work with (National) Young Academies





GYA Strategic Projects



The GYA currently runs three strategic projects with a direct impact on early-career researchers

- Global State of Young Scientists (GloSYS)
= empirical research examining access to support mechanisms, mentoring, and funding as well as scientific productivity, mobility, and gender inequities within the higher education/research environment
- Science Leadership Programmes (SLPs)
= capacity-building, mentoring and collaborative leadership training for early-career scientists and scholars
- At-Risk and Refugee Scholar Membership Initiative
= contribute to at-risk scholar re-integration into a scholarly work environment

Science Leadership Programmes



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- **Objectives**
 - Impart collaborative leadership skills
 - Foster peer mentoring
 - Establish regional networks of academic leaders
- Latin America and Caribbean SLP
 - First LAC SLP 2022-23
- African Science Leadership Programme (ASLP), co-developed with Univ. of Pretoria
 - 1-year programme ~20 scholars per year
- ASEAN and APEC SLPs ip Programme (ASLP), co-developed with Univ. of Pretoria
 - Outcome: ASEAN Young Scientists Network



Science Leadership Workshop 2019 at World Science Forum

Science Leadership Workshops:

- Science Leadership Workshops for new GYA members prior to annual AGM and at key global conferences

At-Risk Scholars Initiative

The initiative aims to assist with the re-integration of exceptional, early-career at-risk scholars into research through a mentorship programme developed and led by GYA members

- Mentees are guided to develop competitive membership applications to the GYA and National Young Academies (NYAs)
- Mentoring relationships between members of the GYA initiative and at-risk scholars lead to increased professional network connections and opportunities for at-risk scholars
- Annual career development workshop held at Wolfson College, University of Oxford, UK, since 2019
- Featured in the BBC Unlocking Science story titled "[The Scientific Knowledge Being Lost to Conflict](#)"
- Looking forward, the At-Risk Scholars Initiative aims to expand partnerships with organisations that work with at-risk scholars in low- and middle-income countries



Strategic Project –
At-Risk Scholars
Initiative

Cooperation



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Engagement with other international organisations

GYA host academy since 2020

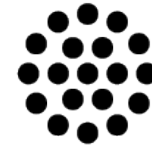


Leopoldina
Nationale Akademie
der Wissenschaften

full member since 2019



associated member



**International
Science Council**

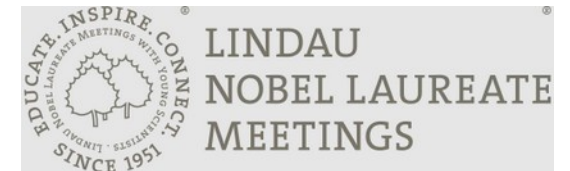
*Formal agreements:
with:*



active cooperation e.g.



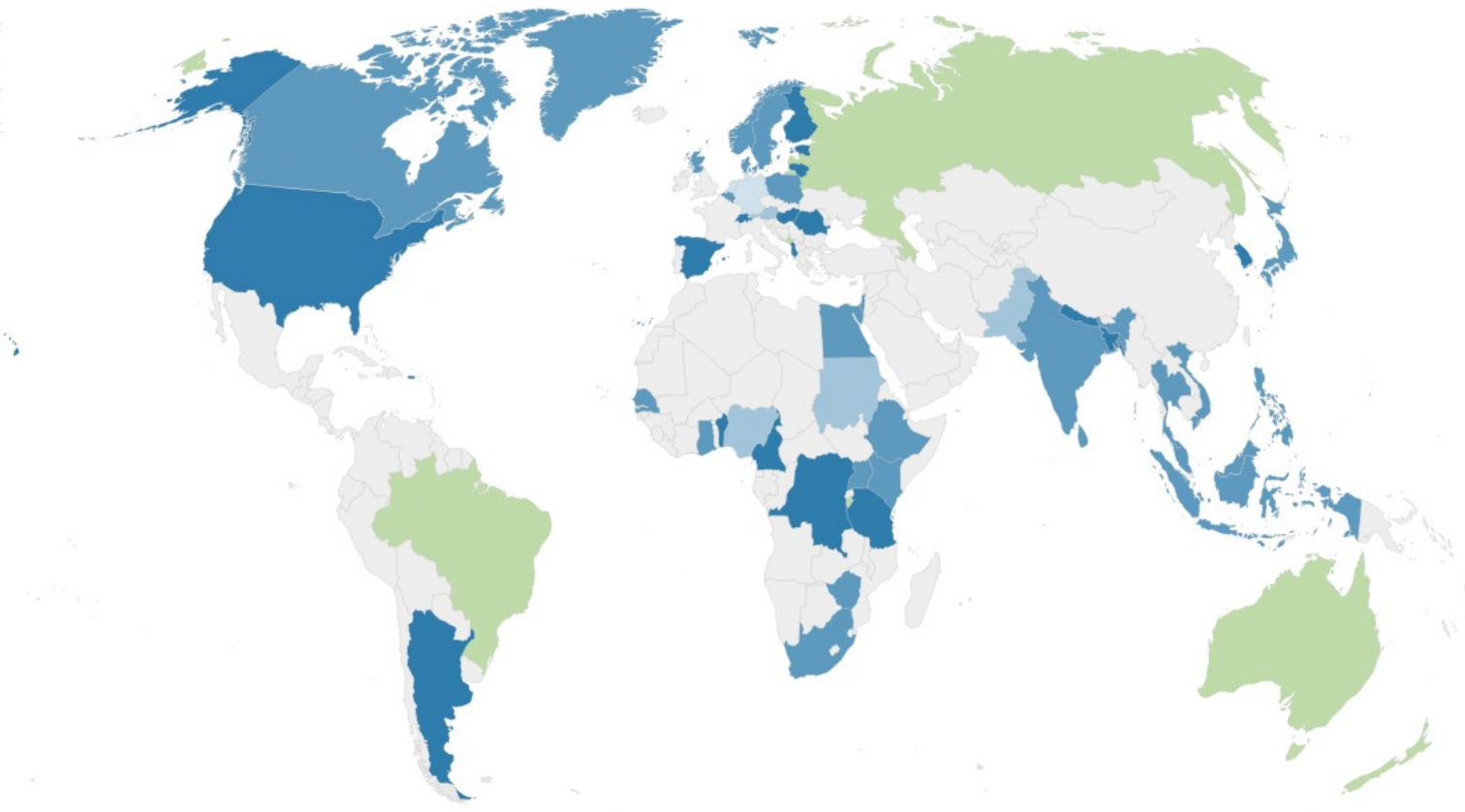
**WOLFSON
COLLEGE**
UNIVERSITY OF OXFORD



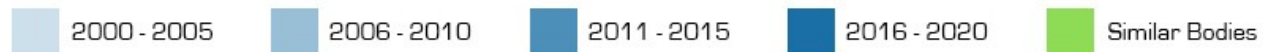
Young Academies the world over



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Founding Year





Leads & Contact



Mareli Claassens
Co-Lead / GYA Member



Lydia Rhyman
Co-Lead / GYA Member



Anna-Maria Gramatté
Office Contact /

Aims & Objectives

The Working Group “Women in Science” aims to have the voice of women scientists widely heard to reach policy and decision makers with the target of a better future for female scientists. Moreover the group aims to raise broad awareness to the not fully exploited potential of the female intellectualism.

Contact

Manage (your) group membership

Further information

“Women in Science” believes in a global contribution by creating a platform where challenges and possible solutions are tackled in order to build capacity of its group members as well as of other women who would consider the Working Group as providing a role model for career success.

Watch the group’s video for the 2020 GYA e-Annual General

Members

Followers

Contact us!



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Facebook: GYA.online

LinkedIn: globalyoungacademy

Instagram: global.young.academy

YouTube: GlobalYoungAcademy



Thank You!

