

"I am full of power and enthusiasm to add my energy to those of my colleagues at the GYA to try to achieve the goals and expectations of young scientists all over the world."

Sherien Elagroudy, Egypt, GYA Member

"Due to its truly global nature, the GYA is in an excellent position to collaborate with worldwide networks of young entrepreneurs and policymakers."

Eva Alisic, Australia, GYA Member

"Participating as a Young Scientist in the Annual Meeting of the New Champions of the World Economic Forum is a life changing experience!"

Wilfred van der Wiel, Netherlands, GYA Member

"The WEF Summer Davos was an exhilarating festival of influential leaders and ideas. In a very real sense, it made me realize how we as young scientists, engineers, and the GYA will be increasingly relied upon to help tackle the innovation grand challenges of our times."

Guru Madhavan, India/USA, GYA Member

"Participation in the 2013 WEF meeting helped me better understand not only the world's problems today, but also how to address and tackle them from different angles."

Tonni Kurniawan, Indonesia, GYA Member

"Being a part of TWAS and GYA is the best opportunity to share innovative experiences among members; a showcase on how achieving high level of scientific excellence in the developing world can be put to address similar research needs in our home countries."

Mohamed Farag, Egypt, TWAS Young Affiliate and GYA Member

"Thanks to OWSD, women from developing countries are doing great things: making breakthroughs, contributing to advances in medicine, science, chemistry and engineering – becoming leaders and experts in their fields."

Denise Evans, South Africa,
OWSD-TWAS-Elsevier award winner 2011



Global Young Academy
The voice of young scientists around the world

Global Young Academy (GYA)

+49 30 20370 559

www.globalyoungacademy.net

info@globalyoungacademy.net

facebook: /GYA.online

twitter: @GlobalYAcademy

iap

the global network of science academies

The Global Network of Science Academies (IAP)

+39 040 2240-680

www.interacademies.net

iap@twas.org

iamp

the interacademy medical panel

The Interacademy Medical Panel (IAMP)

+39 040 2240-681

www.iamp-online.org

iamp@twas.org

twitter: @iamp2013

twas

The World Academy of Science (TWAS) for the advancement of science in developing countries

+39 040 2240-330

www.twas.org

associateship@twas.org

facebook: TWAS-the-academy-of-sciences-for-the-developing-world

twitter: @TWASnews

OWSD

Organization for Women in Science for the Developing World (OWSD)

+39 040 2240-321

www.owsd.net

info@owsd.net



Opportunities for
Young Scientists
in Academies



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angenehme gestaltung

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Global Young Academy (GYA)

The GYA is an international academy that works to bridge the gap between the developing and the developed worlds. As the “voice of young scientists around the world,” the GYA aims to empower and mobilize young scientists in their creative prime to address issues of importance to early career scientists and to advance science-society and science-policy dialogues. The GYA supports a number of projects and convenes an international conference of young scientists alongside its annual General Assembly.

"GYA members are your best bet on the scientific leadership globally in the next 10-15 years."

Rees Kassen, Canada, GYA Co-Chair

Founded in 2010, the GYA has up to 200 members and a growing alumni network across all continents. Members are elected to four-year terms on the basis of their demonstrated research excellence and commitment. When admitted, members are typically within 3 to 10 years from earning their PhD and between 30 and 40 years old. The GYA has observer status at the IAP and benefits from regular IAP support.

The GYA supports the establishment, development and cooperation of National Young Academies (NYA). The GYA has developed a blueprint to accelerate the establishment of NYAs and provides opportunities for networking and cooperation among emerging and established NYAs.

The Global State of Young Scientists (GloSYS)

The “Global State of Young Scientists” (GloSYS) project is an international study conducted by the GYA. GloSYS seeks to understand the challenges and opportunities facing young scholars in both the developed and the developing worlds.

IAP and the Young Scientist Forum at the Annual Meeting of the New Champions

Young scientists are increasingly called upon to participate in multi-stakeholder dialogues on research, innovation, and global issues. Since 2008, young scientists have participated in the “Annual Meeting of the New Champions” of the World Economic Forum (WEF) in China, also known as the “Summer Davos”. The participation of young scientists in these meetings was initiated by the IAP-The global network of science academies, who continue to provide travel co-funding and support by coordinating nominations by senior academies through a competitive, merit-based selection process.

At the meeting itself, the interactions between the participating young scientists and an equally talented group of young business leaders and entrepreneurs have proved most productive and creative. Since 2013 the GYA has coordinated nominations on behalf of senior and young academies in cooperation with the IAP and NYAs and provides feedback to the WEF on the development of the programme.

IAMP Young Physician Leaders (YPL) Programme

The Interacademy Medical Panel (IAMP) launched the YPL Programme in 2011 in partnership with the World Health Summit and the M8 Alliance of Academic Health Centers and Medical Universities. The YPL Programme aims to develop a critical mass of young physician leaders in a global learning and action network and to challenge member academies to support young physicians in their countries and to strengthen their leadership skills.

“We learned from each other as much as we learned from the senior leaders.”

YPL

Participants are selected through a highly competitive process coordinated by world-renowned scholars and leaders affiliated to IAMP member academies. Those selected are in the process of establishing and developing support for their careers in academia, clinical practice, management and/or health policy. The programme appoints a diverse group of young physician leaders from multiple specialties and career interests, as well as a diversity of countries. The opportunities for sharing experiences during the formative stages of a young professional's career from such an international experience are unprecedented.

Participants are provided with a leadership development programme and attend the World Health Summit held annually in Berlin, Germany. They also receive a personalized tour of the key scientific institutions in Berlin, Germany, mentorship opportunities with IAMP Executive Committee members and other academicians, and participate in the YPL Alumni Network, to help them implement their individual leadership action plans defined at the sessions.

“I learned that despite the various differences in society, some management and leadership challenges still cut across the board.”

YPL

TWAS Young Affiliates and Alumni

Each year since 2007, the five Regional Offices of The World Academy of Science (TWAS) for the advancement of science in developing countries each select up to five scientists under the age of 40 to be TWAS Young Affiliates for a period of five years. Young Affiliates are invited to attend all TWAS General Meetings and General Conferences, to attend regional meetings of TWAS Fellows organized by the regional offices and to participate in the activities of TWAS national chapters in their home countries (where active).

TWAS Fellowships

For young scientists from developing countries TWAS offers Postgraduate Training Fellowships, Postdoctoral Research Fellowships and Fellowships for Advanced Training and Research in order to enhance the research capacity of promising scientists, especially those at the beginning of their research career, helping them to foster linkages for further collaboration.

TWAS Prizes for Young Scientists

In order to recognize and support individual scientists in developing countries who have made excellent contributions to the advancement of science TWAS awards prizes each year in various fields of natural sciences on a rotating basis.

TWAS Grants

Grants for young scientists are available through the TWAS research Grants Programme in Basic Sciences and the TWAS-COMSTTECH Joint Research Grants programme.

Organization for Women in Science for the Developing World (OWSD)

OWSD provides career development and networking opportunities for young women scientists throughout the South. OWSD has over 4,000 members and is committed to increasing the number and quality of women scientists in those countries and regions that need the most support. To become a full member, applicants need an MSc or PhD in scientific fields. Networking opportunities include an online forum and news update service; national chapters throughout the South; regional workshops and activities; and an international conference. For committed young women scientists, OWSD has an all-expenses-paid PhD fellowship programme as well as an annual awards programme to honour and celebrate early career success.