

The Global Young Academy

Preamble

In today's world, science must address increasingly complex problems on a global scale. Confronting challenges of this nature requires scientists with different backgrounds and areas of expertise, as well as the coordination of policies from diverse sectors across many regions and countries. We believe that early career scientists are among the best positioned to innovate solutions to such challenges, and that bringing together early career scientists from around the world creates new opportunities to tackle global issues. The exchange of ideas across disciplines, cultures, and nationalities can expand opportunities for scientists, increase scientific capacity and improve the state of the world. In recognition of this broad-based approach, we define science as any inquiry-based, knowledge-generating research, including natural, physical and social sciences, as well as the arts and humanities.

Motivated by these aims, an organization is established that is guided by the following principles:

- 1. International**

We are an Academy of early career scientists, whose membership draws from all disciplines. We aim to include scientists from every geographical region around the world and for inclusive representation by gender and scientific disciplines.

- 2. Independent**

The overarching aim of this Academy is to foster early career independence for young scientists. To facilitate this, the Academy operates independently from governments, other academies, funding sources, and businesses. We exist as a not for profit organisation.

- 3. Evidence-based**

As scientists, we expect solutions to society's problems to be evidence-based. We seek to contribute innovation and science-based policy ideas to the debates of concern to young scientists and to the wider community.

- 4. Excellent**

Our members are selected based upon a proven track record for outstanding contributions to science and their commitment to public service. We strive for the highest quality in our activities.

- 5. Impactful**

To be effective, we focus upon activities of concern to young scientists, specifically issues at the science-society interface, such as scientific communication, education and public policy. The Academy supports career development for young scientists and the formation of national young academies.

1. Foundation

Hereby is constituted the Global Young Academy (GYA).

2. Goals

The objectives of the GYA are:

- 2.1. To give voice to young scientists by:
 - 2.1.1. Providing a channel for its members to actively participate in policy development;
 - 2.1.2. Encouraging interactions with media organizations through workshops, internships and job partnering;
 - 2.1.3. Developing statements on scientific issues of national and global importance;
 - 2.1.4. Promoting the development of National Young Science Academies;
- 2.2. To promote science as a career of choice for young people by:
 - 2.2.1. Recognizing exceptional young scientists from all countries as role models;
 - 2.2.2. Developing policies to remove obstacles to participation in science for women, ethnic minorities and other under-represented groups;
 - 2.2.3. Promoting mentoring relationships with internationally recognized senior scientists;
 - 2.2.4. Identifying the scientific leaders of the future;
- 2.3. To narrow the gap between the developed and developing world by:
 - 2.3.1. Promoting science as an engine of economic development;
 - 2.3.2. Building capacity for scientific research in developing countries;
 - 2.3.3. Supporting exchange visits for young scientists that lead to an increase in the scientific skill set of developing countries;
- 2.4. To encourage the development of novel approaches to problems of international significance by:
 - 2.4.1. Fostering international and interdisciplinary collaborations between young scientists;
 - 2.4.2. Holding global, regional and topical workshops;
 - 2.4.3. Encouraging Governments, research foundations and philanthropic organizations to engage with young researchers;
- 2.5. Any other goals that concern young scientists, which the General Assembly decides to promote.

3. Membership

- 3.1. The GYA is composed of members who all have the right to vote and exercise all of the rights within the GYA.
- 3.2. Members of the GYA shall be selected for one term of approximately 5 years.

- 3.3. Membership begins with the induction of new members immediately prior to the Annual General Meeting (AGM) following their selection. Although new members are strongly encouraged to be physically present for this purpose, in-person attendance is not necessary for induction. Newly selected members may receive internal GYA communications prior to their induction once they have accepted their membership invitation.
- 3.4. The terms of members completing their 5th year in the GYA shall end before the induction of the new members.
- 3.5. (Temporary Clause to be removed after the AGM in 2018) - With the exception of the GYA founding members, the terms of all members elected in or before 2014 shall be extended to 5 years in accordance with clause 3.2. For the founding members who successfully applied for a 2-year extension membership ends on 31 December 2014.
- 3.6. The number of members to be selected each year shall be decided annually.
- 3.7. The GYA shall consist of no more than 200 members.
- 3.8. Criteria for selection include all of the following:
 - 3.8.1. A Ph.D. or an equivalent degree in natural sciences, engineering, social sciences, arts or humanities, or equivalent experience in a research environment;
 - 3.8.2. Scientific excellence, ascertained by a proven track record and expected future achievements;
 - 3.8.3. Demonstrated commitment to making a difference in the world or in society;
 - 3.8.4. Broadly matching the median age of 35 and median career-point profile of 7 years from Ph.D. of the GYA general membership. Candidates deviating significantly from the expected profile shall need to demonstrate a reasonable case for consideration.¹
- 3.9. Selection of candidates
 - 3.9.1. Short-listing and final selection of candidates shall be conducted by a Selection Committee formed by the Executive Committee.
 - 3.9.2. The over-riding criteria for selection shall be scientific excellence and commitment to service according to points 3.8.2 and 3.8.3 above.
 - 3.9.3. Within the bounds established by point 3.9.2, the selection committee shall seek to maximize breadth of regional, disciplinary and gender representation.

4. General Assembly

- 4.1. The General Assembly is the highest decision-making body of the GYA; the General Assembly shall be empowered, subject to the provisions of this constitution, to make decisions on all matters affecting the GYA.
- 4.2. The General Assembly is composed of all the GYA members.
- 4.3. Subject to section 4.6 only members of the GYA who are physically present at the time of the vote or election are eligible to vote.
- 4.4. The General Assembly is entitled:

¹ The flexible terms of this clause are aimed to allow the selection committee to adapt the membership criteria to different countries and regions where the Ph.D. or equivalent degree is obtained at a different age. Specifically, in several developing countries, restricting the age too much might result in too few potential applicants.

- 4.4.1. to amend the constitution of the GYA by 2/3 majority of the participants in a vote;
- 4.4.2. to set up rules and regulations for the different bodies and officers of the GYA;
- 4.4.3. to elect the Executive Committee and Co-Chairs;
- 4.4.4. to terminate membership of individual members by a 2/3 majority of the participants in a vote if the member seriously damages the interests of the GYA;
- 4.4.5. to take any other decision required to promote the goals of the GYA, according to its constitution;
- 4.4.6. to exercise any other right arising from the law or the Constitution;
- 4.5. The General Assembly shall normally convene at least once every calendar year for an Annual General Meeting or AGM at a location and time set by the Executive Committee. The notice shall be sent at least three months before the meeting.
- 4.6. The Executive Committee may call for a Special General Meeting of the General Assembly at its discretion or shall do so at the request of one-third of the members. The Executive Committee may decide that the Special General Meeting shall convene virtually, or in any way that will assure the integrity of the voting process. The notice shall be sent at least 4 weeks before the meeting.
- 4.7. Any proposal to be discussed in a General Meeting that is submitted by a member, and forwarded in writing to the Co-Chairs at least fifteen days before the meeting, must be put on the agenda of the meeting. The Executive Committee may put additional proposals on the agenda at any time.
- 4.8. The General Assembly may only take formal decisions if at least one-third of its members participate in the General Meeting. Unless explicitly provided for otherwise in the constitution, the General Assembly shall decide by a majority vote, abstentions not considered a vote.
- 4.9. The resolutions of the General Assembly shall be recorded in minutes, which shall be distributed to the members soon after the meeting.
- 4.10. The GYA Co-Chairs preside over the Annual General Meetings.
- 4.11. The EC may invite alumni, GYA staff, members of the Advisory Board and other people as it sees fit to attend and participate in the running of the AGM. Invited attendees may not participate in voting and shall not count towards quorum.

5. Co-Chairs

- 5.1. The General Assembly shall elect two members as Co Chairs following the procedure described in section 8.
- 5.2. The Co-Chairs shall preside over the meetings of the General Assembly and the Executive Committee with a partition of tasks to be agreed by them.
- 5.3. The Co-Chairs represent the GYA on a day-to-day basis and supervise the functions of the administrative staff.
- 5.4. In case of unresolved disagreement between the Co-Chairs, the Co-Chairs shall refer the matter to the Executive Committee.
- 5.5. If a Co-Chair resigns before the end of his or her term or is otherwise unable to continue as Co-Chair, the Executive Committee shall appoint one of its members as acting Co-Chair for the remainder of the term of the original Co-Chair.

6. Executive Committee

- 6.1. Subject to the provisions of the constitution and the decisions of the General Assembly, the Executive Committee shall take such initiatives and actions as are necessary for the achievement of the objectives of the GYA.
- 6.2. The Executive Committee shall be composed of the two Co-Chairs and nine additional members elected by the General Assembly.
- 6.3. The Executive Committee is in charge of developing the strategic direction of the GYA and shall hold overall responsibility for the programs and activities of the GYA.
- 6.4. The Executive Committee may exercise full powers with regard to the management and administration of the GYA, except with regard to the powers specifically vested in the General Assembly.
- 6.5. The Executive Committee shall, in particular, be responsible for:
 - 6.5.1. Setting the time and venue for the meetings of the General Assembly;
 - 6.5.2. Preparing the agenda of the meetings of the General Assembly;
 - 6.5.3. Implementing the decisions taken by the General Assembly;
 - 6.5.4. Securing funding for the programs and activities of the GYA;
 - 6.5.5. Approving programs and activities, as well as their budgets;
 - 6.5.6. Ensuring that actual spending is in accordance with the budget;
 - 6.5.7. Approving publications and statements to be issued in the name of the GYA.
- 6.6. The Executive Committee may set up such standing or *ad hoc* committees and may nominate a secretary, a treasurer and other officers as it deems necessary for the discharge of its tasks and responsibilities.
- 6.7. The Executive Committee may nominate an Advisory Board and may consult the board as it sees fit.
- 6.8. The Executive Committee shall be responsible for fundraising, managing accounts and budgets, and providing annual fiscal reports to the General Assembly.
- 6.9. The Executive Committee shall decide by a majority vote, abstentions not considered a vote. In the interval between in-person meetings, a vote may be taken by email, conference call or other virtual means. In a vote by email, a non-reply shall be considered an abstention.
- 6.10. The Executive Committee can, with a unanimous decision, suspend a member who seriously damages the interests of the GYA, until termination of the membership is voted on in the following General Meeting. The member in question has no voting right on the decisions of his or her suspension of membership. A suspended member is regarded as a non-GYA member for all purposes until the EC decide by a majority vote to end the suspension or the GA decides whether to terminate his or her membership.
- 6.11. The resolutions of the Executive Committee shall be recorded in minutes and made available for the inspection by the members of the GYA.

7. Managing Director and Administrative Staff

- 7.1. The Executive Committee may appoint administrative staff headed by a Managing Director.

- 7.2. The Managing Director supports the activities of the GYA and reports directly to the Co-Chairs. The Co-Chairs may authorize the Managing Director to represent the GYA and take decisions on their behalf, in accordance with roles and responsibilities approved by the Executive Committee.

8. Procedures for Electing the Co-Chairs and the Executive Committee

- 8.1. Election to the positions of Co-Chairs and Executive Committee shall take place during each regular Annual General Meeting by a secret ballot. In the event that the required quorum is not attained, the election will take place in a Special General Meeting.
- 8.2. Co-Chairs and the other members of the Executive Committee are elected from among the GYA members for a term of office that expires at the end of the first regular Annual General Meeting following the meeting in which they were elected. In the event that they become alumni immediately before that AGM, they should still attend the AGM in their executive capacity, but without voting rights. They may be reelected multiple times, as long as they are active GYA members.
- 8.3. The General Assembly shall elect two members to serve as Co-Chairs, one ordinarily resident in a developing country and one ordinarily resident in a developed country.² For the purpose of this constitution, developing countries are the countries defined by the Organization for Economic Cooperation and Development as Official Development Assistance recipient countries at the time of the last day of the most recent previous Annual General Meeting.
- 8.4. The first candidate from each group of countries (developed or developing) to receive a majority of votes, where abstentions are not considered a vote, shall be elected Co-Chair. In the event that no candidate receives such majority in the first ballot, a run-off ballot shall be held between the two candidates from that group of countries receiving the most votes in the first ballot.
- 8.5. After electing the Co-Chairs, the Executive Committee shall be elected, with each participating member of the General Assembly voting for up to nine candidates for the Executive Committee.
- 8.6. Three members from developing countries and three members from developed countries receiving the highest number of votes shall be elected. The additional positions shall be filled by the members receiving the highest number of votes among the remaining candidates.
- 8.7. In cases where two or more candidates receive the same number of votes and only one or some of them may be elected, these candidates shall stand for election separately for the open positions.
- 8.8. The General Assembly may set up more detailed election regulations.

² We consider the ordinary residence of a member as normally being the country where the member has lived and worked for the majority of the last four years. Questions over the residency of election candidates shall be resolved by the Nominations and Election Committee.

- 8.9. Before the General Assembly convenes, the Executive Committee shall appoint the head of a Nominations and Election Committee and two other members for that committee selected from among GYA alumni or members that do not seek election or re-election to the position of Co-Chair or to the Executive Committee. The head of the Nominations and Election Committee shall administer the election process and the counting of the votes with the assistance of the other members of the committee and GYA staff. The Nominations and Election Committee shall decide upon procedural and other disagreements, which are raised by GYA members regarding the election process and its results.

9. Alumni

- 9.1. Former members of the GYA are alumni.
9.2. The General Assembly shall determine the roles and privileges of the Alumni.

10. Provisional Rules

The following rules shall apply for the foundation period:

- 10.1. The founding members of the GYA shall consist of the young scientists who were invited to and participated in the WEF Summer meetings of 2008 or 2009 or in the February 2010 Berlin workshop.
- 10.2. The founding members shall have a maximum tenure of 2 years from the first meeting of the General Assembly.
- 10.3. Other than abiding by the tenure restriction listed in clause 10.2., the founding members shall have the same rights and responsibilities as full members.
- 10.4. The founding members shall be eligible for an additional two years membership upon successful application for extension.³
- 10.5. The participants elected for the founding Executive Committee in the workshop in Berlin on 16 February 2010 shall perform as acting Executive Committee and will be authorized to perform all necessary actions to promote the formation of the GYA, subject to the decisions made in the workshop, until an elected Executive Committee is formed on the first General Assembly.
- 10.6. In this article, the term "Foundation Period" refers to the time from between the Berlin workshop, on 16 February 2010 to the date of the first General Assembly Meeting.

11. Language

- 11.1. The operational language of the GYA is English.

³ Amended by the GYA GA on 23 May 2012.