



# **ANNUAL REPORT**

## **The Young Academy**

### **2022**

Amsterdam, 4 April 2023  
The Young Academy

# JUSTIFICATION

In accordance with the Regulations of The Young Academy (DJA), as adopted by the Royal Netherlands Academy of Arts and Sciences (the Royal Academy, KNAW), the Board of The Young Academy hereby presents its Annual Report for 2022, including its financial overview. This Annual Report for 2022 was approved by a vote of the members of The Young Academy on 30 March 2023.

# PREFACE

The Young Academy has become a familiar and respected platform of young researchers active in a range of disciplines who have outspoken views about science and science policy. The researchers are frequent guests in the media and serious discussion partners as regards national and international governance and policy. Members are also actively involved in raising science awareness at schools and public events. They make a major contribution to Royal Academy councils, committees, assessment committees and juries, and to various events of the Learned Society. The strength of The Young Academy is to be found in its deeply felt enthusiasm for science and scholarship and the desire to share that enthusiasm with society.

In 2022, The Young Academy again undertook a wide range of activities, from media appearances to research; it released five publications, launched a podcast series, published a number of statements, organised meetings and initiated several projects. Five members' meetings were held in 2022, including one during the members' weekend and one on site in Groningen.

Key themes in 2022 included career management in research, diversity and inclusion, research funding, recognition and rewards, dialogues on science with a variety of audiences, and bolstering initiatives to assist at-risk scholars. This Annual Report describes those activities according to theme.

The Young Academy is at all times self-critical. During the members' weekend, for example, members reflected on The Young Academy's own objectives and what they expected from membership, the theme groups updated their visions, and the Board invited the various executive boards to provide feedback regarding with The Young Academy and their experience gained with it.

The Young Academy made a number of changes to its regulations in 2022, one of the most important being that future new members must have a good passive command of the Dutch language; previously, an active command was required. The selection committee will ensure that members have a sufficient (active) command of Dutch. From now on, candidates from the Caribbean part of the Kingdom of the Netherlands can also become members of The Young Academy. Directors of any institution covered by the Grant Rules of the Dutch Research Council (NWO) may nominate candidates for The Young Academy.

Marie-José van Tol  
Chair

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# 1 GENERAL

## 1.1 The Young Academy's objectives

The Young Academy was established by the Royal Netherlands Academy of Arts and Sciences (KNAW) in 2005. It is a society for young researchers who have held their PhD for no more than ten years at the point when they join. Its main objectives are:

- 1 to actively bring promising young researchers into contact with disciplines outside their own area of specialisation and with the possibilities for conducting interdisciplinary research;
- 2 to encourage young researchers to develop and communicate views on the future of their own discipline, on collaboration with other disciplines, and on science policy;
- 3 to encourage young researchers to communicate their scientific/scholarly insights to the general public;
- 4 to support young researchers in their progress as scientists and scholars.

## 1.2 Core activities

With a view to achieving its main objectives, The Young Academy engages in the following activities:

- It actively brings young researchers into contact with disciplines outside their own area of specialisation and in doing so encourages interdisciplinary research.
- It asks members to make an active contribution to the future of their own and ancillary disciplines and to formulate their views on science policy.
- It consults with scientific organisations and ministries and advises them on science policy.
- It conveys its fascination with science and scientific insights to the public and to school pupils and students, and considers the matter of valorisation in the broadest sense of the word.
- It has a grants programme to provide financial support for members if a study or project is in line with its objectives.

The Young Academy also wishes:

- to promote exchanges and cooperation with all parts of the Royal Academy, including the Society of Arts;
- to express its opinions emphatically in the media and vis-à-vis government and the political world;
- to critically monitor important developments, such as new investment in research and implementation of plans concerning recognition and rewards for researchers;
- to continue to encourage discussion of research and the public relevance of science, for example by means of lectures and symposia;
- to experiment with methods for encouraging children, adolescents, and the general public to take an interest in and learn about science;
- to continue to develop ideas for interdisciplinary cooperation;
- to pay close attention to internationalisation, for example through exchange programmes with other young academies (both national and international) and international organisations.

## 1.3 Management and organisation

Although facilitated by the Royal Academy, The Young Academy operates independently within the framework of the former.

Until 1 April 2022, the Board of The Young Academy comprised:

- Jeroen de Ridder (chair, technical chair of Selection Committee, coordination and general matters);
- Hester den Ruijter (vice-chair, science policy, and chair of the Project Grants Committee);
- Arjan Houtepen (member, Content & Interdisciplinarity portfolio);
- Erik van Sebille (member, Internationalisation portfolio);
- Hanneke Hulst (member, Science & Society portfolio).

Since 1 April 2022, the members of the Board have been:

- Marie-José van Tol (chair, technical chair of Selection Committee, coordination and general matters);
- Thijs Bol (vice-chair, science policy, and chair of the Project Grants Committee);
- Hilde Verbeek (member, Content & Interdisciplinarity portfolio);
- Erik van Sebille (member, Internationalisation portfolio);
- Hanneke Hulst (member, Science & Society portfolio).

The Young Academy's Board is accountable to the general meeting of members of The Young Academy and to the Board of the Royal Academy. The Young Academy's Board is a facilitatory body, concerning itself primarily with managing and coordinating ideas and the activities initiated by the members. It is also the first point of contact for external parties and for the Royal Academy.

The Board of The Young Academy meets every two weeks. Twice a year, it meets with the Board of the Royal Academy. At the April meeting, it renders its account to the Board of the Royal Academy on the basis of its Annual Report, while at the autumn meeting the Annual Plan and multi-year budget are submitted for approval. The Young Academy is supported by staff from the Forum, Advice & Research Department, the Communication Department, and other supporting departments of the Royal Academy (Legal Affairs, Management, Facility Services, Information Policy, and ICT Services).

#### **1.4 Members' days**

All members of The Young Academy meet five times a year, for a members' meeting and a content-related programme. Besides the standard components of the members' days – such as feedback on projects and content presentations by members – the following activities took place at the 2022 members' days:

- 20 January: Due to restrictive Covid-19 measures, members organised a Crazy DJA Outing: members met in small groups in various Dutch cities and competed against one another by carrying out assignments. The members' meeting of then took place on line.
- 23 March: During this members' day, members discussed Recognition and Rewards, led by a moderator. The director of research policy and science at the Dutch Ministry of Education, Culture and Science was our guest and spoke about the plans for drafting the government Coalition Agreement. In the evening, the installation of new members took place.
- 20-21 May: The annual members' weekend began with a speed-dating session so that new and existing members could get to know one another better. The Covid-19 measures in 2020 and 2021 had, after all, meant members getting together less frequently. Members then reflected on The Young Academy's own objectives and what they expected from membership. A number of people also shared their thoughts on The Young Academy by video: Marileen Dogterom (at the time the incoming president of the KNAW), Olivier Hekster (DJA alumnus), Pim Levelt (honorary member of The Young Academy), and Tibisay Sankatsing Nava (Faces of Science). On the Saturday, there was a 'DJA Talkshow' with Marcel Levi.
- 23 September This members' day was held in Groningen. Members discussed the terms and conditions of employment for temporary staff. Ton Groothuis (professor of biology, Groningen University) and Thony Visser (dean of Groningen University's Faculty of Arts) were guests to explain the plans for the sector.
- 22 November A number of members reflected on the topic of 'Dealing with errors in science'. In the evening, there was an InterScience meeting on the theme 'Error?'

#### **1.5 Themes**

The Young Academy has four themes [*tracés*]: Science Policy, Science & Society, Content & Interdisciplinarity, and Internationalisation. Each member devotes themselves to at least one theme. During their membership they can switch themes.

It is also possible to organise and carry out activities in smaller project groups and working groups, for example through The Young Academy Project Grants Programme.

Each theme has drawn up a vision document setting out its annual plans and priorities.

## 2 SCIENCE POLICY THEME

The Young Academy wishes to influence discussion of national science policy by being not only critical but also constructive. It advises the Dutch government in the field of science policy, but is never a policy author or co-author itself, and it continues to monitor policy critically. Topics addressed by The Young Academy in this field in 2022 included workload, career policy in the world of research, the balance between public and private research funding, diversity and inclusion, sustainability, and social safety. In this regard, The Young Academy represents researchers from various disciplines and universities or institutes. These topics were on the agenda, for example, in talks with executive boards (in 2022 those of Radboud University Nijmegen and VU University Amsterdam), during debates (such as on the strategy pursued by the Dutch Research Council (NWO)), in statements, and in administrative discussions.

In 2022 too, The Young Academy was regularly invited to act as a formal or informal partner in discussions of policy intentions or preparation of policy assessments. Members contributed actively, for example, to discussions with the Ministry of Education, Culture and Science. Since 2021, there have been periodic consultations with the Ministry's Research & Science Policy directorate. on such matters as diversity and inclusion and reducing systemic pressure.

The Executive Board of the NWO conducts annual discussions with the Board of The Young Academy. In 2022, the latter sent a letter to the NWO's Executive Board regarding selection by lot for NWO grants, and The Young Academy's chairperson took part in the initial debate in the context of the NWO's new strategy.

### Highlights in 2022

#### *Diversity and inclusion*

In 2022, The Young Academy published [two reports on the collection of anti-discrimination data](#). Collecting data on migration background, ethnicity, or racialisation of employees at Dutch universities is controversial, but it can help combat racism and discrimination. The Young Academy examined whether it was possible to collect such data in a manner that allows people of colour to self-identify. The results and recommendations were presented together with the Advisory Committee on Diverse and Inclusive Higher Education and Research (DIHOO). The Young Academy also conducted a pilot survey among its own members to test out a range of categories within The Young Academy.

#### *New investment in higher education and research*

Within the Young Academy, a great deal of attention is paid to the effects and impact of new investment in scientific education and research, as detailed in the policy memorandum on higher education and research by Minister Robbert Dijkgraaf (Education, Culture and Science) and in the sector plans. In a [response to the Minister's plans](#), The Young Academy indicated that it believes this approach to be a positive step towards necessary and overdue investment, but worries that not all the tools will contribute to reducing workloads and improving social safety, for instance because they create new competition for funding within a university, faculty, or department.

#### *Research Funding Consultation*

In its [Research Funding Consultation](#) project, The Young Academy utilised a collective participation process. Participants were confronted by the same dilemmas and constraints that policy-makers face regarding research funding and had to propose solutions within the given constraints. The Young Academy made the anonymised files public and invited all researchers to make use of the data. The results of the study will appear in 2023.

#### *Recognition and Rewards*

In 2022, DJA launched its [At the Top! series of podcasts!](#), in which six professors talk about their path to success in the light of the themes from Recognition and Rewards. Were they destined from birth to be top researchers? And what role is actually played by luck?

Another ongoing Recognition and Reward project is '*Veni, vidi, foetsie*' [Veni, vidi, vanished!], a survey of PhD students on what they think makes the university an attractive place to work. The results are expected in 2023.

#### *Academic freedom and research funding*

Dutch researchers are encouraged in all kinds of ways to seek funding for their research in the private sector. At the same time though, there is resistance to international companies funding conferences and research. This kind of public-private collaboration brings with it risks, but also benefits. There is little clarity, however, as to the type and extent of private-sector participation in scientific research. The Young Academy carried out an exploratory study on [academic freedom and research funding](#) in 2021. The report will appear early in 2023.

#### *Covid-19 scenarios*

The Young Academy collaborated with Dutch advisory bodies to further develop scenarios for the course of the Covid-19 pandemic in 2022, in order to provide government with guidance on how to tackle it. Appearance of the guidance document [Corona scenarios thought through: guide for necessary choices](#) was coordinated by the Scientific Council for Government Policy (WRR). With the Advisory Council for Science, Technology and Innovation (AWTI), the Young Academy co-authored the contribution on science, technology, and innovation. A government response to the scenario study was published in early 2023, indicating that the government will carry out simulations based on the more severe scenarios with a view to being better prepared for decision-making in future times of crisis.

#### *A Smarter Academic Year*

The Young Academy's efforts regarding [A Smarter Academic Year](#) bore fruit in 2022. Minister Robbert Dijkgraaf invited universities to redesign their academic year to make it 'smarter', and to explore this by means of pilot projects, with 10 million euros being made available for those projects.

#### *Politics and Parliament*

The Young Academy continued in 2022 to bring its views to the attention of political parties, MPs, universities, and policymakers. The Young Academy was also involved in the [Parliament and Science](#) partnership.

## 3 SCIENCE & SOCIETY THEME

In the context of the Science & Society theme, members of The Young Academy aim to show the public how research is conducted and to share the results of new research with non-experts.

In 2022 too, members worked with various media parties and a number of different projects were organised to promote science within society.

### Highlights in 2022

#### *Lil' Scientist*

One objective of The Young Academy is to convey enthusiasm for and knowledge of science to children, young people, and the general public, and to experiment with ways to achieve this. The [Lil' Scientist](#) project is aimed at exactly that, and received an award from the National Research Agenda in 2022. Together with children from the IMC Weekend School, The Young Academy is working within the project to develop instructive and challenging citizen science experiments for children who would otherwise be unlikely to encounter science. This involves collaboration with the Citizen Science Lab Leiden, the NEMO Science Museum, and *New Scientist*.

#### *Science communication*

In response to Minister Dijkgraaf's plan to establish a national centre for science communication, The Young Academy called in 2022 [for science communication to be defined more broadly and more inclusively](#), namely as a dialogue between science and society, in all phases of research. In doing so, it stresses the importance of interacting with society, as opposed to just 'sending' – i.e. writing books for the general public, appearing in the media, giving lectures, etc. – on the part of scientists. The Young Academy also advocated making science communication an integral part of scientific practice.

#### *'How about a good conversation? How to bring about effective dialogue between scientists and the public'*

For the 'How about a good conversation?' project, talks were also held at community centres in 2022. In collaboration with researchers from VU University Amsterdam, the project looks at how effective dialogue can be brought about between scientists and members of the public so as to underpin future activities in this area with research.

#### *Interdisciplinary and transdisciplinary research*

The [Collective Knowledge Development project](#) began in 2022. This is an exploratory study of transdisciplinarity in science, carried out partly in cooperation with the NWO Knowledge Platform for Interdisciplinary and Transdisciplinary Research. Roundtable discussions with researchers and civil-society partners will be organised in 2023, with a report of findings being published later that year.

#### *First-generation scholars*

The year 2022 also saw the launch of the [Not Just Anybody!](#) [*Niet de eerste de beste*] project. This involves interviewing first-generation scholars about their experience. A report with recommendations to increase equality of opportunity in Dutch academia will be published in 2023 or 2024.

#### *Faces of Sciences*

In collaboration with the Royal Academy and Kennislink, The Young Academy started up the [Faces of Science](#) project in 2014, with PhD students providing an insight into their lives and research by means of videos, blogs, articles, and more. The aim is to spotlight these young researchers and enable them to show what life as a researcher is all about. Faces of Science is primarily intended for young people who are deciding on what to study, but also for other interested parties.

#### *Participation in various public meetings and contributions in the media*

Members of The Young Academy regularly appear in the media to talk about their research.

## 4 CONTENT & INTERDISCIPLINARITY THEME

The Content & Interdisciplinarity theme provides a platform for content exchange and cooperation. Members engaging with this theme concern themselves with scientific reflection and social questions that require interdisciplinary input.

In 2022 too, The Young Academy gave content – i.e. research (by members) – a prominent role at meetings of members through short lectures that they present. This encourages an exchange of content and inspiration, and provides an excellent starting point for members to apply for a project grant for interdisciplinary collaboration. Continuing to develop and consolidate ideas for interdisciplinary collaboration remained central.

### Highlights in 2022

#### *Interdisciplinary projects*

In 2021-22, the [Memory of Perfume](#) project took place, in which, in collaboration with the [Huygens ING/NL-Lab](#) one of the perfume recipes of Constantijn Huygens (1596-1687) was brought to life in order to create a connection to the past and pose questions about the meaning of sensory experiences in both the past and present. A scented candle was produced in 2022 with Mary Pierre Julien, perfumer at Givaudan, in collaboration with the HUYGENS PARIS cosmetics firm, and an exhibition took place at Huygens' Hofwijck mansion. A 'Memory of Perfume' workshop also took place in Paris during which historians, literary scholars, art historians, neuroscientists, curators, and perfumers exchanged knowledge and experience.

#### *InterScience The Young Academy*

In 2022, The Young Academy organised the [InterScience meeting 'Error?'](#), an interdisciplinary conversation about errors, from the perspectives of philosophy, computer science, neuroscience, and photography.

#### *Collaboration with the Royal Academy and the Society of Arts*

In 2022, the [Arts and Science theme](#) published an [advisory memorandum on collaboration between science and the arts](#). In it, the Society of Arts and The Young Academy recommend that the Minister of Education, Culture and Science set up a national fund for experimental research and projects in the field of science and the arts. By doing so, the Society and The Young Academy aim to encourage the sustainable growth of this area of activity.

The [Mingler.network](#) virtual meeting place was launched in 2016 to facilitate cross-fertilisation and contact in scientific and artistic research. The Mingler Scholarship 2022, awarded jointly with the Society of Arts, went to dancer and director Emilie Weisse and Sabine Hunnius (director of the Baby & Child Research Centre at Radboud University Nijmegen) for their project 'Be Kind'.

Young Academy members and alumni sit on various Royal Academy and Society of Arts committees and juries, including the various councils, the jury for the Education Prize and the Heineken Prizes (see Appendix 4 for a detailed list). Members of The Young Academy took part regularly in activities organised by the Royal Academy and the Society of Arts.

## 5 INTERNATIONALISATION THEME

The Internationalisation theme aims to reinforce the merits, quality, and impact of science and scholarship internationally. With that in mind, it organises activities with two core objectives:

- 1) Strengthening the position of young scientists and scholars worldwide and improving the diversity and sustainability of science/scholarship in general by linking up with European and global initiatives:
  - Representing young researchers on scientific advisory bodies;
  - Contributing to solving global problems, such as academia's carbon emissions, scientists/scholars in high-risk situations, and sustainability goals.
- 2) A Dutch academia that is more inclusive and attractive for international scientists and scholars to come to the Netherlands or remain here:
  - Bilingual release of all utterances and documents of The Young Academy;
  - Publishing and updating [A Beginner's Guide to Dutch Academia](#);
  - Identifying instances of exclusion or inequality at universities;
  - Linking up with the Caribbean part of the Kingdom of the Netherlands.

### Highlights in 2022 that link up with the first objective:

#### *Membership of international organisations and cooperation with them*

- The Young Academy promotes international cooperation in exchanges with young academies and other organisations in a European and global context.
- In 2022, The Young Academy's chairperson was a member of board of the European Young Academies Scientific Advice Structure (YASAS), which participates as an equal partner in SAPEA, part of the European Science Advice Mechanism. In this way, she can make the voice of young researchers heard regarding European science policy. Maryam Kavousi is an observer member of YASAS.
- Nanna Hilton gave a presentation to the European Commission in Brussels on PhD researchers' views on the future of Europe, specifically as regards knowledge.
- Lisa Herzog is a member of the Young Academy of Europe.

#### *Refugee scientists/scholars*

Following the outbreak of war in Ukraine, members of The Young Academy set up a Ukraine working group to ensure the rapid exchange of knowledge and best practices with other knowledge institutions and organisations, the pooling of initiatives, and clarification of the need for assistance. The Young Academy then conducted a survey to identify the problems faced by knowledge institutions in providing support for refugee scientists/scholars. The results and recommendations were set out in the report [Support for Refugee Scholars in the Netherlands. Facilities, problems, and recommendations for structured support for at-risk scholars in and from the Netherlands](#) (2023).

In 2021 and 2022, The Young Academy held talks with other European young academies on refugees in science/scholarship. In 2022, The Young Academy continued to be involved in the [NWO's Hestia – Impulse for Refugees in Science programme](#) and is collaborating on evaluation of that programme.

### Highlights in 2022 that link up with the second objective:

The year 2022 saw the appearance of an updated online version of [A Beginners Guide to Dutch Academia](#). This guide helps researchers find their way around Dutch work culture, the system of employment contracts, and the structure of universities and research institutions. It is widely consulted, including by Dutch-speaking researchers. The website has been viewed more than 20,000 times by nearly 9,000 unique visitors.

In 2022, The Young Academy explored options for increasing cooperation with knowledge institutions in the Caribbean parts of the Kingdom of the Netherlands and making The Young Academy accessible to researchers from those parts of the Kingdom. This resulted in amendments to *The Young Academy's Regulations* in 2022 (see also the Preface).

The Young Academy is also involved in setting up the Dutch Caribbean Research Platform ([DuCaRP](#)), led by NWO. To that end, members of The Young Academy held talks with researchers in Curaçao and Bonaire to find out where researchers in this part of the Kingdom are in need of support. The talks led to an initial plan for organising a Science Day on the Caribbean islands, for which The Young Academy will play a supporting role.

## 6 YOUNG ACADEMY COMMITTEES

The Young Academy has two standing committees:

### **The Young Academy Project Grants Committee**

Young Academy grants make it possible for members to work together to develop plans and ideas that fit in with The Young Academy's objectives (see Section 1.1). Members plans contributing to one or more of those objectives may be eligible for funding. The project or activity need not be relevant for all members of The Young Academy. The Project Grants Committee is responsible for allocating a limited number of grants. As usual, there were two rounds of allocations in 2022. See Appendix 3 for a list of projects that were allocated a Young Academy Project Grant.

Members of The Young Academy Project Grants Committee:

First round: Hester den Ruijter (chair and responsible Board member) and Kristine Steenberg;

Second round: Thijs Bol (chair and responsible Board member) and Han Thomas Adriaenssen;

Both rounds: Selma de Mink, Shari Boodts, and Stephan Smeekes.

### **Selection Committee**

The Young Academy Selection Committee consists of four members, two from The Young Academy itself and two from the Royal Academy. The Selection Committee is technically chaired by the chairperson of The Young Academy. It selects ten new members of The Young Academy each year.

A total of 82 candidates (79 of them unique) were proposed for selection in 2023. During the first selection round, points were awarded based on the content of the nominations, taking into account the criteria set out in *The Young Academy's Selection Regulations*.

Based on this round of assessment, twenty candidates were invited for an interview with the Selection Committee, with further assessment being on the basis of the following criteria

- fascination with and passion for scientific research and education;
- wish to be active on behalf of The Young Academy, and interesting ideas for being so;
- enthusiasm for topics such as science policy, science and society, the link between research and teaching, interdisciplinary collaboration, or internationalisation.

After the interviews, ten candidates were selected as members. Appendix 2 lists those selected for membership of The Young Academy.

Members of the Selection Committee in 2022:

- Prof. Andrea Evers, professor of health psychology, Leiden University (member of the Royal Academy);
- Prof. Olivier Hekster, professor of ancient history, Radboud University Nijmegen (member of the Royal Academy);
- Dr Anton Akhmerov, associate professor of quantum nanoscience, Delft University of Technology (member of the DJA);
- Prof. Hilde Verbeek, professor of gerontology, Maastricht University (member of the DJA);
- The technical chair of the Selection Committee is the chairperson of The Young Academy, Prof. Marie-José van Tol

## 7 FINANCIAL OVERVIEW

The Royal Academy's contribution for the Young Academy in 2023 was €389,000. Of this, €270,768.95 was actually utilised.

Item	Annual budget	Utilised in 2022
Salary costs	179,454.00	149,408.96
Publication costs	31,046.00	27,262.08
Other administrative costs	2,000.00	4,418.00
Symposia/workshops	36,700.00	25,291.31
Travel and accommodation costs	6,500.00	4,240.80
Entertainment expenses	800.00	1,163.52
Donations boards	32,500.00	32,500.00
Project grants and standard grants	100,000.00	31,752.42
<b>Final total</b>	<b>389,000.00</b>	<b>276,037.09</b>

Explanation of utilisation in 2022:

- Salary costs comprise: costs for a policy officer, Forum, Advisory and Research Department (FAO) (1 FTE); a policy adviser (0.3 FTE); a communications adviser (0.5 FTE); and the workplaces (facilities and ICT). Less was spent on salary costs this year due to the communications adviser being on leave and the period of vacancy for the policy officer.
- Publication costs were lower than budgeted:
  - Videos of new members were recorded in a new format; the cost of this was lower than budgeted (€9,974 instead of €13,146).
  - The Young Academy publishes its various communications bilingually as standard. Translation costs were higher than budgeted (€8,247 instead of €2,500).
  - No costs were incurred for maintaining Moendoes Digital.
- Symposia/workshop costs were lower due to (i) lower costs for the members' weekend and (ii) fewer InterScience meetings than planned.
- For project grants and standard grants, there was an underspend of €68,248. This was due to termination of project grants that had spent less than budgeted in the Covid-19 years 2020 and 2021.
  - A total of €84,823 was allocated to project grants in the two rounds in 2022. From previous years, €42,702 of funding from awarded project grants was returned.
  - Standard grants amounting to €50,000 are reserved each year, i.e. €1,000 per member per membership year. The Young Academy's board is in talks with the Royal Academy about continuation of the standard grants, resulting in fewer standard grants being awarded in 2022. Of the standard grants to members of the 2016 and 2017 cohorts who became alumni in 2021 and 2022 respectively, €26,184 and €34,224, respectively, was not spent and the resources were returned. This is more than the funds returned in previous years and also double (the released standard grants from the 2016 cohort were not returned in 2021).

## 8 APPENDICES

### Appendix 1 Members as of April 2022

Name	Cohort	Discipline	University/Organisation
Dr Han Thomas Adriaenssen	2018	History of philosophy	University of Groningen
Dr Anton Akhmerov	2019	Quantum nanoscience/natural sciences	Delft University of Technology
Dr Nadine Akkerman	2018	English literature and cultural history	Leiden University
Dr Tim Baarslag	2020	Artificial Intelligence	Utrecht University
Dr Lisa Becking	2018	Marine biology	Wageningen University & Research
Dr Tazuko van Berkel	2022	Greek and Latin Languages and Culture	Leiden University
Dr Marjolijn Bol	2021	Technical art history	Utrecht University
Dr Thijs Bol	2020	Sociology	University of Amsterdam
Dr Shari Boodts	2021	Ancient and medieval history	Radboud University Nijmegen
Dr Saskia Bonjour	2019	Gender & Politics	University of Amsterdam
Dr Eddie Brummelman	2021	Developmental psychology and pedagogics	University of Amsterdam
Dr Angélique Cramer	2018	Methodology for (clinical) psychology	Tilburg University
Dr Irene Dedoussi	2022	Aerospace engineering	Delft University of Technology
Dr Sanli Faez	2021	Nanophotonics	Utrecht University
Dr Karwan Fatah-Black	2020	History of the early modern Atlantic world	Leiden University
Dr Caroline Gevaert	2022	Geoinformatics	University of Twente
Prof. Tom de Greef	2020	Synthetic biology & DNA nanotechnology	Eindhoven University of Technology/Radboud University Nijmegen
Prof. Liesbeth van de Grift	2020	History	Utrecht University
Prof. Carolien van Ham	2021	Politics	Radboud University Nijmegen
Dr Chiel van Heerwaarden	2021	Meteorology	Wageningen University & Research
Dr Helmer Helmers	2019	Historical Dutch literature	The Royal Academy's Humanities Cluster

Prof. Lisa Herzog	2022	Philosophy	University of Groningen
Dr Nanna Haug Hilton	2019	Sociolinguistics	University of Groningen/EFTA
Dr Barbora Hola	2018	International criminal law	VU University Amsterdam/NCSR
Prof. Hanneke Hulst	2018	Neuropsychology in Health and Disease	Leiden University
Prof. Arfan Ikram	2018	Epidemiology and medical statistics	Erasmus University Medical Centre
Dr Liesbeth Janssen	2020	Theoretical Physics	Eindhoven University of Technology
Dr Maryam Kavousi	2020	Epidemiology	Erasmus University Medical Centre
Prof. Renske Keizer	2019	Family sociology	Erasmus University Rotterdam
Dr Lotte Krabbenborg	2020	Science and technology studies	Radboud University Nijmegen
Dr Jeroen Leijten	2021	Tissue engineering	University of Twente
Dr Cynthia Liem	2021	Technical computer science	Delft University of Technology
Dr Dora Matzke	2018	Mathematical psychology	University of Amsterdam
Dr Selma de Mink	2019	Astronomy	Max Planck Institute for Astrophysics
Dr Noel de Miranda	2022	Cancer immunology	Leiden University Medical Centre/Leiden University
Dr Daniel Oberski	2018	Methodology and statistics	Utrecht University
Dr Jim Portegies	2022	Mathematics	Eindhoven University of Technology
Dr Bettina Reitz-Josse	2018	Latin language and literature	University of Groningen
Prof. Erik van Sebille	2019	Oceanography	Utrecht University
Dr Stephan Smeekes	2019	Econometrics and statistics	Maastricht University
Dr Arne Smeets	2019	Mathematics	KU Leuven
Dr Else Starkenburg	2022	Astronomy	University of Groningen
Dr Pooyan Tamimi Arab	2022	Philosophy and religious studies	Utrecht University
Prof. Linnet Taylor	2020	Data science	Tilburg University
Dr Joeri Tijdink	2022	Meta-research and psychiatry	VU University Amsterdam and Amsterdam UMC.
Dr Marie-José van Tol	2019	Cognitive neuropsychiatry	University Medical Centre Groningen (UMCG)
Prof. Hilde Verbeek	2020	Gerontology, geriatric psychology, and nursing science	Maastricht University
Prof. Michel Vols	2021	Law	University of Groningen

Dr Fleur Zeldenrust	2022	Computational neuroscience	Radboud University Nijmegen
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## **Appendix 2 New members 2022**

The following persons were installed as members of the Young Academy on 22 March 2022 and appointed as members for a period of five years:

- Dr Tazuko van Berkel (Greek and Latin Language and Culture, Leiden University)
- Dr Irene Dedoussi (Aerospace Engineering, Delft University of Technology)
- Dr Caroline Gevaert (Geo-information, University of Twente)
- Prof. Lisa Herzog (Philosophy, University of Groningen)
- Dr Noel de Miranda (Tumour Immunology, Leiden University Medical Centre/Leiden University)
- Dr Jim Portegies (Mathematics, Eindhoven University of Technology)
- Dr Else Starkenburg (Astronomy, University of Groningen)
- Dr Pooyan Tamimi Arab (Philosophy and Religious Studies, Utrecht University)
- Dr Joeri Tjldink (Meta-research and Psychiatry, VU Amsterdam and Amsterdam UMC)
- Dr Fleur Zeldenrust (Computational Neuroscience, Donders Institute, Radboud University)

In selecting new members, The Young Academy strives for a balanced representation within the membership of universities, disciplines, gender, and other relevant dimensions of diversity, as well as members' command of the Dutch language.

### Appendix 3 Project grants 2022

The following projects were allocated a Young Academy Project Grant in 2022:

<b>Lead applicant</b>	<b>Title of project</b>
M-J. van Tol	Acad-Amis in support of At-risk-scholars
C. Liem	Fair Practice Code for researchers: does outreach work deserve more than a bunch of flowers?
L. Krabbenborg	Collective knowledge development: exploratory research on transdisciplinarity in science
L. Becking	Cantata for Invertebrates/All the Sea you Cannot See
E. Brummelman	Not Just Anybody!: first-generation scholars and their experiences in science and scholarship
H. Hulst	About My Brain
N. Akkerman	The Memory of Perfume 2.0
T. van Berkel	The Real Homo Economicus
J. Tjeldink	The Academy Thermometer

**Appendix 4 Participation by Young Academy members and alumni in Royal Academy councils, advisory committees, selection committees, assessment committees and juries and the science committees of Royal Academy institutes**

**Table 1: Participation by Young Academy members and alumni in Royal Academy councils and advisory committees in 2022**

<b>Council</b>	
Council for the Humanities (RGW)	Members: Nadine Akkerman, Helmer Helmers, Alumni: Raf de Bont, Roberta D'Alessandro, Ewout Frankema, Lotte Jensen, Christian Lange
Council for Medical Sciences (RMW)	Members: Hilde Verbeek, Marie-José van Tol Alumni: Lude Franke, Teun Bousema, Annelien Bredenoord, Sjoerd Repping, Hanneke van Laarhoven, Ron Fouchier, Christiaan Vinkers, Carlijn Bouten, Brenda Penninx
Council for Natural Sciences and Engineering (RNTW)	Members: Erik van Sebille Alumni: Gijse Koenderink, Joost Reek, Nathalie Katsonis, Johan van Leeuwaarden
Social Sciences Council (SWR)	Members: Carolien van Ham, Lotte Krabbenborg, Michel Vols Alumni: Tatiana Filatova, Marieke van den Brink, Hilde Bras, Antoine Buyse, Janneke Gerards, Barbara Vis, Andrea Evers, Beatrice de Graaf

<b>Advisory Committees</b>	
Advisory Committee on Value of Science	Alumnus: Ingrid Robeyns
Committee for Freedom of Scientific Pursuit	Alumni: Annelien Bredenoord, Janneke Gerards, Peter-Paul Verbeek, Roberta D'Alessandro
Trippenhuis Committee	Alumnus: Joris Dik
Advisory Committee on Planetary Health	Member: Lisa Becking Alumnus: Tatiana Filatova
Advisory Committee on The Pandemic Academic; how Covid-19 has impacted the research community	Member: Bettina Reitz-Joosse
Advisory Committee on the Impact of the Covid-19 pandemic on scholars, academic research practices and trust in academia	Member: Bettina Reitz-Joosse
<b>International committees</b>	
All European Academies (ALLEA): member permanent committee FP9	Alumnus: Andrea Evers,
Ocean Circulation and Coastal Regions (European Academies Science Advisory Council, EASAC)	Member: Erik van Sebille
Research Integrity Within The Global Science Ecosystem (Global Science Forum)	Alumnus: Peter-Paul Verbeek
Biodegradability of Plastics in the Open Environment (Science Advice for Policy by European Academies, SAPEA)/ Group of Chief Scientific Advisors, GCSA)	Alumnus: Tatiana Filatova

**Table 2. Participation by Young Academy members and alumni in juries and committees of the Royal Academy Science Funds in 2022**

<b>Selection committees</b>
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Society of Arts (AvK)	Member: Fleur Zeldenrust
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<b>Domain juries</b>	
Humanities (HUM)	Alumnus: Christoph Lüthy
Behavioural and Social Sciences and Law (BSSL)	Alumnus: Claes de Vreese
Physics and Technical Sciences (NTW)	Alumnus: Kofi Makinwa
Medical, Biomedical and Health Sciences (MMBG domain)	Alumni: Han Brunner, Andre Aleman

<b>Domain boards</b>	
Humanities (HUM)	Alumnus: Christoph Lüthy
Behavioural and Social Sciences and Law (BSSL)	Alumni: Andrea Evers and Carla Sieburgh
Physics and Technical Sciences (NTW)	Alumnus: Joost Reek
Medical, Biomedical and Health Sciences (MMBG domain)	Alumni: Ron Fouchier and Teun Bousema

<b>Selection/assessment/advisory committees programmes Royal Academy Science Funds</b>	
Statesman Thorbecke Fund	Member: Carolien van Ham Alumnus: Herman Paul
Royal Academy Behavioural Research Fund	Alumni: Sarah Durston, Lenneke Alink
Royal Academy Early Career Partnerships	Alumni: Herman Paul, Jan van Hest
Royal Academy Medical Sciences Fund	Alumni: Annemieke Aartsma-Rus (Royal Academy Ter Meulen Fund/Royal Academy Van Leersum Fund), Teun Bousema, Sjoerd Repping (Royal Academy Van Walree Fund)
Pilot Fund Science Communication by Scientists: Gewaardeerd! (Rewarded)	Member: Hanneke Hulst Alumnus: Peter-Paul Verbeek
Gonda Fund	Alumnus: Christian Lange
Faces of Sciences	Alumni: Lotte Jensen, Jason Hessels
Mingler Scholarship	Members: Pooyan Tamimi Arab, Marjolijn Bol
Van 't Hoff Fund	Alumni: Jan van Hest, Nathalie Katsonis, Joost Reek

<b>Science prizes juries</b>	
Academy Medal	Alumni: Ron Fouchier, Andrea Evers
Dr A.H. Heineken Prize for History	Member: Liesbeth van de Grift
Dr A.H. Heineken Prize for Medicine	Alumnus: Casper Hoogenraad
Dr H.P. Heineken Prize for Biochemistry and Biophysics	Alumnus: Nynke Dekker
C.L. de Carvalho-Heineken Prize for Cognitive Science	Alumnus: Bernet Elzinga
Dr A.H. Heineken Prize for Environmental Sciences	Member: Lisa Becking Alumnus: Tatiana Filatova
Royal Academy Early Career Award	Alumni: Andrea Evers, André Aleman, Wiro Niessen
Royal Academy Education Prize	Members: Hilde Verbeek, Lotte Krabbenborg Eddie Brummelman, Cynthia Liem
Lindau Nobel Laureate Meetings	Member: Lizza Hendriks Alumnus: Ysbrand van der Werf

De la Court Prize	Alumnus: Raf De Bont
Christiaan Huygens Science Award	Alumnus: Marijke Haverkorn
Bob Pinedo Cancer Care Award	Alumnus: Hanneke van Laarhoven
Instituut Gak-KNAW Award (1st round 2022)	Member: Renske Keizer

**Table 3: Participation by Young Academy members and alumni in the science committees of the Royal Academy institutes in 2022**

Science Committee of the Huygens Institute for the History of the Netherlands (Huygens ING)	Member: Nadine Akkerman
Science Committee Data Archiving and Networked Services (DANS)	Alumnus: Hanneke van Laarhoven
Hubrecht Institute Science Committees	Alumnus: Nynke Dekker
Science Committee International Institute of Social History (IISG)	Alumnus: Ewout Frankema
Science Committee of the Royal Netherlands Institute of Southeast Asian and Caribbean Studies (KITLV)	Member: Lisa Becking
Science Committee of the Netherlands Institute for Advanced Study in the Humanities and Social Sciences (NIAS)	Alumnus: Peter-Paul Verbeek
Science Committee of the Netherlands Institute for Neuroscience-Royal Academy	Alumnus: Eveline Crone
Science Committee of the Netherlands Institute for War, Holocaust and Genocide Studies (NIOD)	Member: Liesbeth van de Grift Alumnus: Herman Paul