

Annual report of the Finnish Academy of Science and Letters

GOVERNING BOARD AND SECRETARY GENERAL

The year 2024 was the 117th year of operation of the Finnish Academy of Science and Letters. The President of the Governing Board in 2024 was Tuula Linna and the Vice President was Heikki Mannila. Hannu Vartiainen was the Treasurer of the Board, Juha Kinnunen the Secretary of the Section of Science and Päivi Pahta the Secretary of the Section of Humanities. The ordinary members were Olli Ikkala, Riitta Julkunen-Tiitto, Tiina Kinnunen and Juhani Knuuti. The Governing Board held twelve meetings during the year, two of which were e-mail meetings. Pekka Aula continued as Secretary General.

The members of the Governing Board served during the year as trustees of the Emil Öhmann Foundation and the Hilkka and Otto Brusiin Foundation.

The compositions of the committees and working groups set up by the Governing Board were as follows:

- Financial Management Committee: Tuula Linna (chairman), Heikki Mannila, Hannu Vartiainen, Pekka Aula, Juha Kinnunen, Päivi Pahta, and expert advisory members Anders Ekholm and Ralf Sunell. The secretary was Hannu Vartiainen.
- Prizes Committee: Tuula Linna (chairman), Heikki Mannila, Juha Kinnunen, Päivi Pahta, Olli Ikkala and Tiina Kinnunen. The secretary of the committee was Nina Rapelo.
- Publications Committee: editors-in-chief Anna Mauranen and Risto Nieminen; Secretary General Pekka Aula, Heikki Mannila (chairman), Päivi Pahta (member, vice chairman); editors of publication series Jari Eloranta, Jaakko Husa, Heta Pyrhönen, Tapio Salmi, Hannu Sariola and Erkki Tomppo. The secretary of the committee was Anna Chydenius.
- Ethics Committee: Päivi Pahta and Juha Kinnunen. The secretary of the committee was Leila Sarajärvi.



Marcia McNutt, President of the National Academy of Sciences, visited Finland in October at the invitation of the Academy of Sciences, and held discussions at the Academy on knowledge-based decision-making and science diplomacy. Those present at the discussion at Mariankatu were Academy Secretary Jaakko Kuosmanen, President Tuula Linna, President Marcia McNutt, Vice President Heikki Mannila and Secretary General Pekka Aula.

- Working group for the amendment of the rules and strategy: Tuula Linna (chairman), Heikki Mannila, Päivi Pahta and Pekka Aula. The secretary of the working group was Leila Sarajärvi.
- Working group on statements: Tuula Linna, Heikki Mannila, Pekka Aula, Riitta Julkunen-Tiitto and Juhani Knuuti. The secretary of the working group was Nina Rapelo.
- Trustees of the Emil Aaltonen Fund: Tuula Linna (chairman), Hannu Vartiainen and Pekka Aula, together with Olavi Nevanlinna as the representative of the Emil Aaltonen Foundation. The secretary was Leila Sarajärvi.

The members of the Selection Committee for the Section of the Humanities until the Autumn Meeting 2024 were

Ilkka Arminen, Tuomas Forsberg, Petri Kuoppamäki, Marja-Kristiina Lerkkanen, Pirjo Markkola, Martti Nissinen (chairman), Minna Palander-Collin and Sirkka Saarinen. Nissinen and Saarinen stepped down in the Autumn Meeting and Pekka Ilmakunnas and Pamela Slotte Russo were elected as new members of the Selection Committee.

The members of the Selection Committee for the Section of Science up until the Autumn Meeting 2024 were Kari Enqvist, Jyrki Heino (chairman), Matti Hämäläinen, Sirpa Jalkanen, Riitta Keiski, Pekka Niemelä, Ilkka Norros and Kaisa Poutanen. Enqvist and Norros stepped down in the Autumn Meeting and Tuomo Kuusi and Johanna Mappes were elected as new members of the Selection Committee.

GOVERNING BOARD 2024

Member	Position	Term
Tuula Linna	President, chairman of the Governing Board	2024–2025
Heikki Mannila	Vice President, vice chairman of the Governing Board	2024–2025
Hannu Vartiainen	Treasurer	2024–2028
Päivi Pahta	Secretary, Section of Humanities	2024–2028
Juha Kinnunen	Secretary, Section of Science	2024–2028
Olli Ikkala	member	2024 (1st term)
Riitta Julkunen-Tiitto	member	2024 (2nd term)
Tiina Kinnunen	member	2024 (2nd term)
Juhani Knuuti	member	2024 (1st term)

MEMBERSHIP

The Finnish Academy of Science and Letters had 847 ordinary members, 159 external members and seven honorary members at the end of 2024. Altogether 19 new ordinary members and two new external members were elected in the Spring Meeting on 19 April.

The new members elected to the Section of Science were Gerrit Groenhof (University of Jyväskylä), Mark Hindmarsh (University of Helsinki, University of Sussex), Camilla Hollanti (Aalto University), Juha Huiskonen (University of Helsinki), Peter Johansson (University of Helsinki), Pekka Katajisto (University of Helsinki), Tuukka Petäjä (University of Helsinki), Arri Priimägi (Tampere University), Mari Sandell (University of Helsinki), Tuuli Toivonen (University of Helsinki) and Xiao Zhong (University of Helsinki).

Altogether 21 new members were elected in the Spring Meeting

The new members elected to the Section of the Humanities were Erkko Autio (Imperial College London), Louis Clerc (University of Turku), Marjaana Helminen (University of Helsinki), Johanna Kantola (University of Helsinki), Teija Kujala (University of Helsinki), Sari Lindblom (University of Helsinki), Sari Pietikäinen (University of Jyväskylä) and Roope Uusitalo (University of Helsinki, VATT).

The new external members were Jukka-Pekka Onnela (Harvard University) and Arttu Rajantie (Imperial College London).

The facilities of the Academy on the 2nd floor at Mariankatu were available to members and they were actively reserved over the course of the year.

The Academy mourned the deaths of the following ordinary members: Markku Filppula, Tapani Harviainen, Veikko Jääskeläinen, Jaakko Kangasjärvi, Jorma Keski-Oja, Pekka Korhonen, Henrik Lilius, Jukka Nevakivi, Lauri Niinistö, Annamari Ranki, Kalevi Suominen, Kari-Pekka Tiitinen, Nikolai Tkachenko, Jari Valkonen and Olli-Pekka Vehviläinen.

News was also received of the death of external members Walter J. Heikkilä, Rolf Jeltch, Lars-Göran Nilsson and George Picket.

GRANTS

The Finnish Academy of Science and Letters distributed over 2.7 million euros in grants in 2024. The majority of these grants were for young post-graduate researchers.

Grant applications were reviewed by reviewers appointed by the Governing Board of the Academy, who then prepared recommendations on the grants to be awarded. The final decisions were made by the Board on the basis of the reviewers' recommendations. The possible conflicts of interest of grant reviewers and the board members have been taken into account when processing the grants of the funds and foundations administered by the Academy.

A full-year grant for post-graduate study was worth 27,000 euros. No grants were awarded to Academy members.

This was the 60th time that grants for research in mathematics and natural

sciences were distributed from the Vilho, Yrjö and Kalle Väisälä Fund. Approximately 1.69 million euros (1.65 million in 2023) was awarded in grants. The fund received a total of 326 (305) applications, with a combined sum of roughly 7.4 (6.9) million euros.

Grants from the Väisälä Fund were awarded to 74 (75) applicants. These included 54 (53) post-graduate grants of 27,000 euros for full-time academic study for a duration of one year and 12 (18) grants for part of a year. In connection with the post-graduate grants, 8 (0) grants were also awarded for research costs. A total of 6 (4) grants were awarded for short-term research visits abroad.

The Väisälä project grants of the Finnish Academy of Science and Letters were awarded for the second time this year. These grants are intended for researchers working in Finland at the early stages of the tenure track to set up their research group and cover the group's research costs. The three-year project grant worth 150,000 euros was awarded to two researchers.

The Eino Jutikkala Fund distributed grants for research in the humanities for the 17th time. The application fields under the Academy's Section of the Humanities are divided into two baskets, and applications in archaeology, history, jurisprudence and social sciences were invited this year. The fund received a total of 272 (294 in 2023) applications, amounting to roughly 7.6 (7.9) million euros altogether. Due to the division into baskets, the figures are not directly comparable between two consecutive years.

Grants from the Jutikkala Fund were awarded to 19 (19) applicants, about 519,060 (499,640) euros in total. A total

of 3 (2) grants were awarded for research costs in addition to post-graduate grants. All these grants were for the commencement of doctoral studies.

The Academy's Mathematics Fund distributed roughly 35,700 (32,440) euros in grants and prizes. The Emil Öhmann Foundation, managed by the Academy, distributed 56,900 (57,000) euros in grants. The foundation also awarded 3 (2) grantees an Institute grant worth 3,000 (3,000) euros for short-term research at the Finnish Institute in Germany in Berlin. The Hilikka and Otto Brusii Foundation, managed by the Academy, distributes grants every two years, and awarded 50,700 euros in grants in 2024 (48,200 in 2022).

The year 2024 was the ninth year in which the Academy took part in the Finnish Foundations' Post Doc Pool. The grants awarded in 2024 amounted to 160,000 euros from the Väisälä Fund and 42,000 euros from the Jutikkala Fund.

PRIZES

The 2024 Academy Award of the Finnish Academy of Science and Letters, a sum of 30,000 euros, was presented to Academician of Science Markku Kulmala for his influential career. Kulmala was also presented with Academy Medal No. 40.

The Finnish Academy of Science and Letters Prize for the Humanities, amounting to 15,000 euros, was awarded to Associate Professor Visa Kurki.

The Academy's Väisälä Prize 2024 was awarded to Professor Eveliina Peltola. The prize was awarded for the 26th time and it is worth 15,000 euros.

During the year under review, the Academy nominated candidates for the



The new members of the Finnish Academy of Science and Letters in 2024 were celebrated at the House of Nobility in September.

following prizes: Balzan Prize, Gad Rausing Prize, Keio Medical Science Prize, Körber Prize and Louis-Jeantet Prize. As for national awards, the Academy nominated a candidate during the year for the Science Award of the Federation of Finnish Learned Societies.

THE HISTORY OF SCIENCE IN FINLAND

The year saw the continuation of the History of Science in Finland project,

launched the previous year, with the Finnish Academy of Science and Letters and the Finnish Society of Science and Letters as the project coordinators. The aim of the project is to produce new knowledge, a series of books and an online database on the history of science in Finland during its independence. The project makes extensive use of individual interviews and recollections. The project manager is Stefan Nygård who works at the Academy, and the editors of the upcoming book series are Heini Hakosalo, Henrik Meinander and Jari Ojala. The steering group of the

project includes representatives from seven organisations.

During the year, the project received significant additional funding from the Alfred Kordelin Foundation (Major cultural projects, 270 000 euros) and the Society of Swedish Literature in Finland (498 000 euros), in addition to support from the project initiators (the Academy and the Society of Science and Letters). The project has also received funding to establish a Nordic cooperation network with Lund University. Docent Katariina Parhi and PhD Heikki Mikkonen were recruited for the project.

The project has received some 70 written submission to the oral history and individual recollections of the History of Science in Finland – organised in cooperation with the Finnish Literature Society (SKS) and the Society of Swedish Literature in Finland (SLS). In terms of SKS, the collection of recollections closed on 31 December 2024. SKS will however continue to accept individual submissions in 2025. As for SLS, the collection will continue and recollections in English can also be submitted. A collaboration with SKS was launched to add biographies of scientists to the National Biography of Finland.

The interviews for the project started in autumn 2024 (aiming for around 200 interviews in total). The first group of interviewees consists of Academicians of Science. During the year, the project has engaged in extensive cooperation and coordination discussions with major partner organisations (National Library, National Archives, SKS and SLS). Researchers have communicated about the project by giving presentations at various universities and scientific organisations, writing blog posts, visiting podcasts and organising discussion events.

MEETINGS AND EVENTS

During 2024, the Finnish Academy of Science and Letters organised public events throughout the year, with the exception of the summer months. Evenings dedicated to science were held at the House of Nobility. The events were also streamed live online. These events gathered a total of approximately 1,200 participants. The recordings of the events are available for the time being on the website of the Academy.

12 Feb. Ilta tieteelle: Mitä nuorille kuuluu? (“Evening dedicated to science: How are young people doing?”)

- Speakers: Professor Päivi Honkatukia, Professor Emeritus Hannu Simola and Programme Director Kristiina Laitinen

11 Mar. Ilta tieteelle: Tieto ja turvallisuus (“Evening dedicated to science: Information and security”)

- Speakers: Professor, Colonel Aki-Mauri Huhtinen, Professor Mikko Siponen, Professor Sasu Tarkoma and Professor Katja Valaskivi

9 Sept. Ilta tieteelle (“Evening dedicated to science”)

- Speakers: Academician of Science Kaisa Häkkinen, Professor Johanna Kantola and Professor Arri Priimägi

14 Oct. Ilta tieteelle (“Evening dedicated to science”)

- Keynote speaker: Academician of Science Martti Koskeniemi, on the theme of the language of law as part of modern warfare
- The Finnish Academy of Science and Letters Prize for the Humanities was presented at the event and the grantees of the Eino Jutikkala Fund, Emil



In autumn 2024, Academicians of Science Kaisa Häkkinen (pictured), Martti Koskenniemi and Riitta Hari spoke at public events organised by the Academy at the House of Nobility.

Öhmann Foundation and Hilkka and Otto Brusiin Foundation were announced

11 Nov. Ilta tieteelle: Disinformaatio: onko taistelu jo hävitty? (“Evening dedicated to science: Disinformation: is the battle already lost?”)

- Discussion by CEO of Finnish Broadcasting Company Merja Ylä-Anttila and Professor Tuula Linna, President of the Finnish Academy of Science and Letters
- 9 Dec. Ilta tieteelle (“Evening dedicated to science”)
- Keynote speaker: Academician of Science Riitta Hari, on the theme of the connections between neuroscience and art
 - The Väisälä Prize of the Finnish Academy of Science and Letters was

presented at the event and the grantees of the Vilho, Yrjö and Kalle Väisälä Fund were announced

Each evening was preceded by an informal meeting exclusively for members at the facilities of the Academy at Mariankatu.

A Science Matinee was organised for members on 16 May at the Väisälä Hall of the Academy. The theme of the event was “How is AI changing science?” The topic was presented by Professor Samuel Kaski.

During the year, the Academy also engaged in cooperation with other parties in the field in terms of events:

25 Jan. “Laidunmaista sivistykseen – Kruununhaan kiehtova historia” (“From pas-

tures to civilization – the fascinating history of Kruununhaka”)

- Event organised as part of the Night of Science at the facilities of the Academy on Mariankatu
- Speakers: Professor Laura Kolbe and Docent Stefan Nygård

29 Jan. “The Europeanisation of Research and Higher Education: A Perspective from the History of Knowledge”

- Seminar organised as part of the History of Science in Finland project at the facilities of the Finnish Society of Science and Letters
- Speakers: Professor Johan Östling and Professor Marja Jalava

17 Apr. UniOulu Science Day

- The Academy has traditionally organised one event per calendar year in cooperation with a Finnish university. In 2024, this event was organised in cooperation with the University of Oulu. The day included workshops and presentations.

12 Sept. “Vaikuttavaa tutkimusta – nuorten tutkijoiden iltapäivä” (“Impactful research – an afternoon for young researchers”)

- Training in cooperation with Young Academy Finland and the Committee for Public Information at the House of Science and Letters
- The training focused on the impact of research and was open to all researchers in the early stage of their careers.

3 Oct. “Policy for Public Good: Does Science Matter”

- Public lecture by NAS President Marcia McNutt at Aalto University. President McNutt visited Finland at the invitation of the Academy.

24 Oct. “Great Nobel debate”

- In cooperation with other academies of science and Helsingin Sanomat.

Sanoma House and live stream online

- The event featured presentations on the 2024 Nobel laureates, their research topics and the significance of their research

The meetings of the sections of the Finnish Academy of Science and Letters were held in March at the House of Science and Letters. In terms of regular meetings, the Spring Meeting was held in April at Musiikkitalo and the annual gala dinner at Grand Central Helsinki. The Autumn Meeting was held in November at the Mariankatu facilities of the Academy.

Of the groups of the Academy, the Geosciences group organised two public events at the facilities of the Academy during the year: “Satellite positioning in our uncertain world” and “Geospatial modelling of urban dynamics and sustainability”.

SCIENCE AND POLICY

During 2024, the Academy’s Science and Policy activities strengthened both national and international visibility, produced knowledge syntheses for the Prime Minister, conducted science sparring with the Prime Minister’s Office and piloted the use of artificial intelligence. In addition, materials focused on promoting research impact were published, including an online course, an English version of the Researcher’s Handbook on Science-for-Policy and a toolkit for knowledge brokers.

Over the course of the year, more than 150 researchers and 20 research organisations contributed to the Science and Policy activities. The activities were strengthened by the recruitment of an AI expert and a

writing professional with a background in journalism. The results of this work were widely publicised in the media. The content of the knowledge syntheses was featured in several national media outlets such as Helsingin Sanomat and Yle, and for example a news article in MustRead about the knowledge synthesis on economic growth was the most read article of the week. International recognition was also received in Nature, where the activities were described as worthy of international attention. We acted as strategic advisors for a seven-country science advisory project run by the European Commission and the OECD.

The Academy issued three statements in response to requests during the year: concerning Finnish Government's proposal for a law amending the Act on the Academy of Finland, the report on updating the Act on the Openness of Government Activities, and the multiannual plan on the use of research and development funding. Jaakko Kuosmanen represented the Academy and was heard as a science and foresight expert at the Parliament's Human Rights Centre.

Highlights of the activities in 2024:

- Production of written knowledge syntheses. Five knowledge syntheses were produced during the year: 1) Creating economic growth in Finland: researchers' views; 2) Bullying and violence among children and young people; 3) Science brief: People with a foreign background in Finland; 4) Science brief: Wellbeing and characteristics of young people aged 15–19 in Finland; 5) Ecological connectivity in land use planning. The first three of these were produced at the request of the Prime Minister's Office. In addition, a new digital format for knowledge syntheses was tested by pro-

ducing the web-based Näkökulmain tool on the theme "AI becoming more common in diagnostics: will it make hospitals more efficient?"

- Researcher's Handbook. During the year, a version of the Researcher's Handbook for the international scientific community was published. The Handbook has been disseminated through several international networks (such as SAPEA, INGSA, Global Young Academy). The Handbook has also been widely disseminated in Finland. The first print edition was sold out and received a highly positive review in the journal Tiedepolitiikka.
- Science sparring. A science sparring sprint was launched in autumn 2024 to further strengthen the science sparring model. Sparring was carried out with the Prime Minister's Office (Monitoring and Evaluation Plan for State R&D Funding, Prime Minister's Office); Systemic work on demographic change (Prime Minister's Office, DEMOGRAPHY programme); and with the Ministry of the Environment (implementation of the EU Nature Restoration Regulation, Ministry of the Environment, Ministry of Agriculture and Forestry, scientific panels). The sprint will continue in 2025.
- Harnessing artificial intelligence. Early in the year, an AI pilot in collaboration with medical foundations was completed, where funding applications were analysed using a language model. AI was also used e.g. to produce knowledge syntheses and to analyse large public data sets for science-for-policy (e.g. data from parliamentary hearings).
- International cooperation and dialogue. The Academy was involved in

the organisation of The International Network for Governmental Science Advice (INGSA) conference in Kigali in May. We also presented our impact training work and our AI pilots at the event. International networks were strengthened with countries such as Canada, Singapore, Japan and the UK. Keynote presentation invitations were received from Quebec and Brussels. Direct discussions were held with representatives from 15 different countries.

The following activities and events also took place during the year under review:

- Roundtable on the future of scientific publishing
- Meetings of the network of knowledge brokers (spring and autumn)
- International Risk and Evidence-Informed Decision-Making seminar
- Impact sparring for SRC programme managers
- University of Oulu Impact Days seminar as part of UniOulu Science Day
- Science-Policy Dialogue event with the Swiss Academy of Sciences
- Science, AI and foresight dialogue with the US Department of State
- “Vau, mikä vaikutus!” podcast: How can knowledge brokerage help promote impact?
- International Capacity Building Workshop for Knowledge Brokers, TSI Project, EU & OECD, speech
- Organising the seminar “Impactful research – an afternoon for young researchers” in cooperation with the Committee for Public Information & Young Academy Finland
- Hanken School of Economics: Researcher’s Handbook on Science-for-Policy seminar

- Science for Policy podcast: On writing a handbook for Finnish researchers
- Sustainability Science Days panel discussion (How Can We Design Effective Science-Policy Interface? Learning from the Best Practices and Experiences from Future Earth’s National Committees)
- STN-Literacy summer days, speech
- Workshop of the CoE in the History of Experiences, speech
- Launch of the RESET Profiling Action panel discussion
- Two roundtables focused on the Finnish science and policy system
- “Vau, mikä vaikutus!” podcast: How does evidence-based knowledge reach policy-makers?
- ACCC Flagship Impact Week workshop (Impact Café: Tools and channels to enhance the impact of research)

INTERNATIONAL ACTIVITIES

In 2024, the Finnish Academy of Science and Letters strengthened existing international relationships and built new strategic relationships, particularly with frontline actors working with science-for-policy. During the year, the Academy carried out country visits to Canada (including the Prime Minister’s Office, Royal Society of Canada, McGill University, Quebec Research Foundation) and Singapore (Prime Minister’s Office, Singapore National Academy of Science, National University of Singapore, National Research Foundation). The Academy also co-organised an international conference of The International Network of Governmental Science Advice (INGSA) in Kigali, Rwanda. In Brussels, it participated in panel discus-



In 2024, several Science sparrings were organised at Mariankatu. Science sparring is an interactive scientific support between researchers and decision-makers to strengthen the knowledge base for policy-making.

sions at the Joint Research Centre (JRC) of the European Commission and gave the keynote opening lecture at the national foresight days in Quebec. The Academy hosted a seminar on Risk and Evidence-Informed Policy-Making, bringing together representatives from five countries, a dialogue on AI and foresight for the US Department of State and a dialogue on science-for-policy with the Swiss Academy of Sciences SCNAT. NAS President Marcia McNutt visited Finland in October at the invitation of the Academy and held discussions at the Academy on the topics of science-for-policy and science diplomacy.

Contacts with international scientific organisations by the Finnish Academy of Science and Letters took place mainly under the auspices of the Council of Finn-

ish Academies (CoFA), the cooperative body for the science academies in Finland. The President was a member of the executive committee of CoFA, and the Vice President acted as the deputy. The Secretary General was also a member of the executive committee, but without a vote. The Academy was represented on CoFA's International Affairs Committee (IAC) by Anna Mauranen, who also acted as the chairman of the committee, and by Kimmo Kaski. The chairman of CoFA's Human Rights Committee was Liisa Laakso.

CoFA plays an important role in the reform of the Finnish system of academies of science and will be crucial in determining the direction this system will take in the future. Within the framework of their agreement, the academies of sci-

ence will participate even more actively in developing the scientific community and its internationalisation.

Through the medium of CoFA, members of the Finnish Academy of Science and Letters held positions of trust in several international scientific organisations: Mats Gyllenberg and Craig Primmer in EASAC; Anna Mauranen, Ahti Salo and Mari Vaattovaara in ISC; Mika Kajava in UAI; Liisa Laakso in the International Human Rights Network; Risto Kunelius, Päivi Pahta and Krista Varantola in ALLEA; Jukka Seppälä in SAPEA; and Elina Ikonen in IAP.

The Academy appoints members to various national committees. The representatives on the National Committee for Radio Science (URSI) were Esa Kallio and Karri Muinonen, with Ilya Usoskin as the deputy. Kimmo Kahma was the representative on the Finnish National SCOR Committee, Juha Pekka Lunkka on the National Committee for Quaternary Research (INQUA), Ilkka Norros on the National Committee on Theoretical and Applied Mechanics (IUTAM) and Juha Pekka Lunkka on the National Committee for Geology (IUGS).

The Academy was represented by President Tuula Linna and Secretary General Pekka Aula at the Science and Technology in Society (STS) Forum in Kyoto, Japan.

YOUNG ACADEMY FINLAND

The year 2024 was the seventh full year of operation for Young Academy Finland (YAF), founded with the aim of promoting science, especially from the viewpoint of young researchers who are just starting their academic careers. The Board of Young

Academy Finland was chaired by Lasse Lehtonen. Young Academy Finland had a total of 79 members and 95 alumni at the end of 2024.

The establishment of Young Academy Finland was to a large extent made possible by the donation of one million euros in 2017 from the Emil Aaltonen Foundation to the Finnish Academy of Science and Letters for establishing YAF. A separate Emil Aaltonen Fund was set up as a result of this donation. Young Academy Finland works in association with the Finnish Academy of Science and Letters. It issues its own annual report every year and submits it to the Governing Board of the Academy.

PUBLICATIONS

Two issues of *Annales Academiae Scientiarum Fennicae* (AASF), the multidisciplinary publication series of the Finnish Academy of Science and Letters, were published as planned: AASF 1/2024 in June and AASF 2/2024 in December. The issues contained a total of 11 research articles and featured all three languages of the publication – Finnish, English and Swedish. In addition, two new sections, “Keskustelua” (“Discussion”) and “Foorumi” (“Forum”) were added to the series. The publication is freely available online at journal.fi and is also sold at Bookstore Tiedekirja. The editors-in-chief of the series are Anna Mauranen and Risto Nieminen and the editorial assistant is Anna Chydenius.

The Year Book of the Academy 2023 was published in 2024 in Finnish and in English. The Year Book is freely available online on the Academy’s website. The print version of the Year Book is sent to all mem-

bers and stakeholders and is also sold at Bookstore Tiedekirja. The editor-in-chief of the publication is Pekka Aula, and the editorial assistant is Nina Rapelo.

During the year, the following publications were produced, mainly under the Science and Policy theme: Researcher's Handbook; Talouskasvun luominen Suomessa: tutkijoiden näkemyksiä ("Creating economic growth in Finland: researchers' views"), a report for the Prime Minister's Office; Will AI revolutionise the work of doctors? infographic; Miten kiusaamista ja väkivaltaa voidaan torjua? ("How can bullying and violence be prevented?"), a knowledge synthesis for the Prime Minister's Office; Science briefs: 15–19-vuotiaiden nuorten hyvinvointi ja erityispiirteet Suomessa ("Wellbeing and characteristics of young people aged 15–19 in Finland") and Ulkomaalaistaustaiset Suomessa ("People with a foreign background in Finland") for the Prime Minister's Office; Ekologinen kytkeytyvyys ja luonnon monimuotoisuus alueidenkäytön suunnittelussa ("Ecological connectivity and biodiversity in land use planning") for the Ministry of the Environment; and online articles "Tekoälyä tutkijoille: Kielimallit sopivat kokeneen tutkijan käyttöön" ("AI for researchers: language models are suitable for experienced researchers"), "Ihmisen ja koneen yhteispeli kirjallisuuskatsauksissa" ("Human-machine interplay in literature reviews") and "Mitä tutkijan tulee tietää tekoälyn läpinäkyvyydestä?" ("What a researcher should know about AI transparency").

The Academy received a government grant of 19,900 (25,000 in 2023) euros for its publications; the grant was for the AASF series. Exchange of the Academy's publications is managed by the Exchange Centre for Scientific Literature run by the

Federation of Finnish Learned Societies. The Academy had 44 (53) overseas exchange partners at the end of the year 2024, and a total of 45 (54) publications were sent out in this way.

In 2024, the revenue from publication sales was approximately 5,100 euros (c. 9,500 euros in 2023).

Two issues of AASF series were published as planned in 2024

A joint publishing committee was established in the beginning of 1996 to coordinate the publications of the Finnish Academy of Science and Letters and the Finnish Society of Sciences and Letters. The committee is elected for a three-year term, and a representative of either the Academy or the Society is elected as chairman of the committee in alternating terms. The representative of the Academy for the 2024–2026 term is Tiina Kinnunen.

COMMUNICATIONS

Letters to members and invitations to public events were sent to the Academy's members using a newsletter tool. The letter sent to members was published 11 times during the year. The Academy's Newsletter, which is sent to the stakeholders of the Academy and can be subscribed to on the Academy's website, was published twice during the year.

The website was developed during the year to better meet the demands of



The theme of the Night of Science in January 2024 was the history of Kruununhaa. A packed audience in Mariankatu heard a presentation by Professor Laura Kolbe, among others.

increased activities. In particular, the Science and Policy as well as Publications sections were developed. During the year, news were actively published on the website: a total of 131 news articles were posted. The website had a steady flow of visitors throughout the year, and the number of visits was approximately 50,000 during the year. The most popular content included the list of new members of the Academy, the Researcher's Handbook and the grants and prizes awarded by the Academy.

In addition to the website and the newsletters, the key communication channels of the Academy were Facebook, LinkedIn, X and to some extent Instagram. A press release distribution service and a media monitoring tool were used in external communication. Communication was systematically carried out while taking into account the defined target groups, key messages and channels.

Video productions were one of the priorities in communications. During the year, videos were produced, for example, on the winners of the Academy Award and the Prize for the Humanities and the doctoral course series. Videos were also produced on topics such as "Why is science important?" and the impact of the nature footprint on our society.

Communications were planned and executed widely in the Communications Team, which also includes individuals from the Administrative Team and the Science and Policy team.

FINANCES AND ASSET MANAGEMENT

The Financial Management Committee, the advisory body of the Governing Board on financial matters, consisted in 2024 of

Tuula Linna (chair), Heikki Mannila, Hannu Vartiainen, Juha Kinnunen, Päivi Pahta and Pekka Aula. Anders Ekholm and Ralf Sunell served as expert advisors. The Academy's assets were managed in accordance with the investment strategy for the Academy itself, its funds and the foundations under its administration. This strategy was updated in 2021.

The total value of the assets held by the Academy and its various funds at the end of 2024 was approximately 223 million euros (208 million euros at the end of the previous year), with a further sum of 5 million euros held by the foundations under the Academy's administration at the end of 2024. These assets, comprising portfolios of shares and bonds, shares in Vaisala Oyj, and alternative investments, were managed by Nordea and Evli. Alternative investments consist of the property at Mariankatu 5 and units in real estate funds, as well as private equity investments, the most significant of which are units in the Hamilton Lane Club Fund. The return on investment assets, consisting of dividends, interest, rents and changes in the value of assets, was 15.3% in the year under review (6% in the previous year). The return on the portfolio excluding the Vaisala Oyj shares was 11.3% (8% in the previous year). During 2024, Vaisala Oyj's K shares were exchanged for listed A shares, of which 686 thousand shares have been sold. The proceeds from the sale are included in the Academy's other investment assets and are treated as part of the Academy's asset management.

The auditor of the Academy's accounts and administrative procedures in 2023 was KHT auditor Riku Kärnä, with KHT auditor Helena Sinisalo as his deputy.

STAFF

The Academy's Secretary General was Professor Pekka Aula. Leila Sarajärvi served as the Academy's Administrative Manager, Nina Rapelo as Administrative Secretary, Emilia Lähde as Administrative Assistant and Sade Kunnas as Coordinator from October. The Head of Communications was Anna Chydenius, and the Communications Specialist was Aleksi Kylmälahti. The part-time Science Coordinator of Young Academy Finland was Riikka Hiltunen. The service "Meet a Researcher" was coordinated by Kim Krappala, and the same service in Swedish by Seija Taipale.

The Science and Policy team consisted of Academy Secretary Jaakko Kuosmanen, Knowledge Broker Iiris Koivulehto until her family leave in May and, as her deputy, Laura Väliniemi from September. The Phenomenon Map project involved Knowledge Brokers Vaula Helin until November, Linda Lammensalo, Antti Kailio, and, working part-time, Laura Perälä, Lauri Pykälä and, from October, Aleksis Oreschni-koff.

The staff of the Academy attended a wide variety of training events and seminars. During the year, events were also organised on the theme of well-being at work.

During the year under review, the Academy paid a salary or remuneration to a total of 70 people.

OTHER ACTIVITIES

Pekka Aula represented the Academy at the annual general meeting of the Mariankatu 5–7 property company in May and the extraordinary general meeting in August. Pekka Ilmakunnas was the representative

of the Academy on board of the property company and also served as chair of the board until the annual general meeting. At the annual general meeting, Hannu Vartiainen was elected as the new representative of the Academy on the board.

During the year, the Governing Board of the Academy proposed members for several working groups and bodies by request. The Academy has representatives in several institutions and organisations both in Finland and abroad.

The Academy is a member of the Association of Finnish Foundations and the Federation of Finnish Learned Societies (TSV). It was represented on the board of TSV by Heta Pyrhönen (deputy Johanna Mappes) and Kimmo Kaski (deputy Tuula Linna). Leila Sarajärvi represented the Academy at TSV's spring meeting in March, and Pekka Aula at its autumn meeting in September. The Academy was represented by Kimmo Kaski on the programme committee of the Science Forum and Pekka Aula on the steering committee.

The Academy was represented on the Board of Directors of the Alfred Kordelin Foundation by Jukka Seppälä (deputy Kimmo Kaski) and Anna Mauranen (Mari Vaattovaara). The representatives in the Foundation's section for science were Sami Pihlström (Tuomas Forsberg) and Tapio Mappes (Gabriel Sandu). The representative in the section for public education was Markku Löytönen (Risto Nieminen), and in the section for literature Sari Kivistö (Tomi Huttunen). Helmi Järviluoma-Mäkelä (Arto Haapala) sat in the section for arts.

The Academy's representatives on the Finnish Zoological and Botanical Publish-

ing Board were Jaana Bäck and Riitta Julkunen-Tiitto, while Tapio Raunio represented the Academy in the Foundation for Foreign Policy Research. The Academy's representative in the Finnish Foundations' Post Doc Pool was Anna Mauranen, with Kaisa Nyberg as her deputy, and Secretary General Pekka Aula served as the Academy's representative on the national LUMA Advisory Board. Anna Mauranen was nominated by the Academy as a member of the Board of Directors of the Finnish Research Impact Foundation.

The following members of the Academy sat on the scientific councils of the Research Council of Finland at the end of 2024: Petri Karonen and Matti Miestamo on the Scientific Council for Social Sciences and Humanities; Ari Jokinen, Timo Repo and Marjo Yliperttula on the Scientific Council for Natural Sciences and Engineering; and Jussi Kukkonen, Toni Laaksonen, Jorma Palvimo and Anne Topinen on the Scientific Council for Biosciences, Health and the Environment. Petri Karonen and Jussi Kukkonen also acted as chairs of their respective councils. Klaus Elenius, Johanna Myllyharju as chair and Kirsi Tirri have served on the Board of the Research Council of Finland. Anne Kovalainen has been a member of the Strategic Research Council.

Risto Nieminen was the Academy's representative at the annual meeting of the Finnish Zoological and Botanical Publishing Board in March. The Academy was represented by Pekka Aula at the spring and autumn meetings of the Association of Finnish Foundations. Hannu Vartiainen represented the Academy at the shareholders' meeting of Vaisala Oyj in March.