

POLISH ACADEMY OF ARTS AND SCIENCES

Report of the Secretary General
of the Polish Academy
of Arts and Sciences for the year 2019



KRAKÓW 2020

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Report of the Secretary General of the Polish Academy of Arts and Sciences (PAU¹) for the year 2019

This report presents the activity of the Polish Academy of Arts and Sciences in 2019. In addition, where possible and justified, information about the first months of 2020 was also provided. This is the official PAU report on activities in 2019, sent to external institutions and bodies. The financial report was unanimously accepted by the PAU Management Board.

General information

The Polish Academy of Arts and Sciences corporation consists of 151 regular members, 164 corresponding members, and 189 foreign members. This year's elections, closed with the vote during the PAU General Assembly (15 June), resulted with the election of 10 regular members, 10 new corresponding members, and 3 foreign members. Traditionally, regular and corresponding members were awarded with the diplomas during the autumn Formal Scientific Meeting of the Academy in November 2019. Foreign members received them through the relevant Polish Embassies.

In the reporting year, the following members passed away:

From Class I

Professor Alexander M. Schenker – foreign member, passed away on
21 August 2019

From Class II

Professor Roland Wittmann – foreign member, passed away on
22 March 2019

¹ Polska Akademia Umiejętności.

Professor Lech Szczucki – regular member, passed away on 19 November 2019

From Class III

Professor Michel Che – foreign member, passed away on 7 August 2019

From Class IV

Professor Krzysztof Birkenmajer – regular member, passed away on 23 February 2019

From Class V

Professor Włodzimierz Ostrowski – regular member, passed away on 24 February 2019

Professor Roman Kaliszan – regular member, passed away on 9 May 2019

Professor Włodzimierz Ptak – regular member, passed away on 28 May 2019

Professor John Andrew Hansen – foreign member, passed away on 31 July 2019

Professor Stanisław Jan Konturek – regular member, passed away on 8 August 2019

Professor Jan Doroszewski – regular member, passed away on 24 October 2019

From Class VI

Professor Mieczysław Tomaszewski – regular member, passed away on 14 January 2019

Architect Stanisław Niemczyk – regular member, passed away on 13 May 2019

In the first months of 2020 passed away, too:

21 January – Professor Zofia Sokolewicz, corresponding member of Class II

10 February – Professor Czesław Jura, corresponding member of Class IV

29 March – Professor Krzysztof Penderecki, regular member of Class VI

Activity of Classes, Commissions, and Stations

The Polish Academy of Arts and Sciences consists of six Classes. The number of members of particular Classes and scientific meetings is shown in the Table I.

Table I. Classes of the Academy of Arts and Sciences (PAU)

Class	Number of regular members	Number of corresponding members	Number of foreign members	Number of scientific meetings
Class I: Philology	27	33	41	7
Class II: History and Philosophy	25	31	31	6
Class III: Sciences and Technology	27	30	40	–
Class IV: Natural Sciences	26	35	33	2
Class V: Medicine	22	35	39	1
Class VI: Artistic Creativity	24	–	5	–
Total	151	164	189	16
Total number of members (31 December 2019)	504			

The presented numbers demonstrate that the activity of PAU Classes is diversified. The meetings of the “humanities” Classes, i.e. Class I and II take place frequently and regularly. The meetings of the remaining Classes are irregular or are not convened at all. These differences are related to the specificity of particular Classes. Natural and science Classes instead of regular meetings organise or co-organise conferences, sessions, and even schools, often on an international level. A good example of such activity may be the *11th International Workshop on EPR in Biology and Medicine* co-organised by the PAU Class IV: Natural Sciences, the Jagiellonian University and Medical College of Wisconsin. During these conferences, numerous lectures

are given and poster reports are presented. PAU, however, supports the printing of conference materials and abstracts of the papers.

There are 39 Commissions within PAU: 23 Class Commissions and 16 inter-Class Commissions. Class I: Philology coordinates the works of 5 Commissions (Table II), and Class II: History and Philosophy – of 10 (Table III). Class III: Sciences and Technology has 3 Commissions (Table IV), and Class IV: Natural Sciences – 5 (Table V). The remaining Classes have not appointed any Commission so far. In the reporting year a new Class I Commission was established – the Commission on Communication Ethics.

Table II. Class I Commissions

Commission	Scientific meetings	Scientific sessions
Commission on Classical Philology	8	–
Commission on Modern Languages	7	–
Commission on Slavonic Culture	8	1
Commission on Art History	9	1
Commission on Communication Ethics (new)	–	–

Table III. Class II Commissions

Commission	Scientific meetings	Scientific sessions
Commission on Central Europe	9	–
Commission on Eastern Europe	–	–
Commission on Law	4	2
Commission on the History and Culture of Jews	6	–
Commission on the Prehistory of the Carpathians	7	–

Commission on Economic Sciences	4	–
Commission on Ethnography	7	1
Commission on the History of Wars and Military Science	7	–
Commission on Archaeology of Mediterranean Countries	8	–
Commission on Media Studies	7	2

Table IV. Class III Commissions

Commission	Scientific meetings	Scientific sessions
Commission on Astrophysics	3	–
Commission on Technical Sciences	8	–
Commission on Complex Systems	6	–

Table V. Class IV Commissions

Commission	Scientific meetings	Scientific sessions
Commission on Geoinformatics	7	–
Commission on Quaternary Palaeogeography	6	1
Commission on Development Biology	2	1
Commission on Agricultural, Forest, and Veterinary Sciences	7	–
Commission on Geography	8	1

Inter-Class Commissions fall under the PAU Council authority; there is currently 16 of them, including 4 in Katowice, 1 in Wrocław, and 1 in Gdańsk. The activity of the Commissions, similarly to the activity of the Classes, is highly varied and related with the discipline represented by a given Commission (Table VI).

Table VI. Inter-Class Commissions

Commission	Scientific meetings	Scientific sessions
Commission on the History of Science	10	3
Commission on European Matters	5	1
Commission on Threats to Civilization	7	1
Commission on the Philosophy of Sciences	7	1
Commission on the Evaluation of Textbooks	8	–
Commission for the Studies on the Polish Diaspora	6	–
Commission on Natural Sciences and Medicine in Wrocław	3	–
Commission on Anthropology	1	–
Commission on Ergonomics	6	1
Commission on Culture and Media Management	7	–
Commission on Silesian History in Katowice	3	1
Commission on Mathematical Sciences in Katowice	2	–
Commission on Natural Sciences in Katowice	2	–
Commission on Law in Katowice	–	2
Kashubian Commission in Gdańsk	2	–
Polish CIHEC Subcommittee Commission Internationale d'Histoire Ecclésiastique Comparée	–	–

It is worth emphasising here that the activity of almost all the Commissions is maintained at a good level observed also during preceding years. This is an excellent information in times when it is so difficult to gather a satisfactory attendance during meetings, assemblies and conferences.

Apart from the Classes and Commissions, the PAU structure includes two Scientific Stations in Katowice and Gdańsk.

Conferences, sessions, and regular projects

In the reporting year 37 scientific sessions and conferences were organised or co-organised by PAU, 10 of which had an international nature.

It is worth noting that the activity of PAU, its Classes, Commissions and Stations in the field of organising conferences and sessions has not decreased – the number of conferences organised or co-organised by PAU remains at a steady high level.

Regular meetings open to the wider public are also worth mentioning: Science Café and organised by Professor Dominika Dudek „Conversations About Man”. Finally, it is worth emphasising that in the reporting year, the 7th PAU Debate “Ethos and Ethics in Research and Teaching”, took place.

Scientific activity

The PAU research activity focuses mostly on different types of research projects (grants). In the reporting year, 4 projects were successfully closed, 7 are in progress, 10 new applications were submitted for evaluation. The projects are financed by the Małopolska Operational Programme (1 project), National Programme for the Development of Humanities (7 projects), National Centre of Science (2 projects), and Ministry of Culture and National Heritage (1 project).

Apart from the aforementioned grants, PAU is carrying out a project financed by the Lanckoroński Foundation. Within the project, reports and documents of apostolic nuncios in Poland from 1519 until the present day are studied. In addition the modified, extended and more detailed publishing rules for the publisher, editor and translator were worked out.

Publishing activity

Publishing activity is an important and integral part of the activity of the PAU.

In the reporting year, PAU became the only publisher of the journal „Acta Archaeologica Carpathica” and a co-publisher of the journal

„Prace Geograficzne” (Geographical Studies) (with the Faculty of Geography and Geology of the Jagiellonian University). In total, in 2019, PAU published or co-published 23 scientific journals. It is worth emphasising that the ten titles of our journals (Table XI) were included in the „List of Scientific Journals and Peer-Reviewed Materials from International Conferences Together with the Assigned Number of Points” announced by the Ministry of Science and Higher Education.

Table XI. PAU journals placed in the „List of Scientific Journals and Peer-Reviewed Materials from International Conferences Together with the Assigned Number of Points” from December 18, 2019

Title	Points
Acta Archaeologica Carpathica	70
Acta Physica Polonica B – co-publisher Institute of Physics of the Jagiellonian University	40
Folia Quaternaria	20
Geoinformatica Polonica	20
Kultura Słowian. Rocznik Komisji Kultury Słowian	40
The Polish Review – co-publisher Polish Institute of Arts and Sciences in America	70
Prace Geograficzne – co-publisher Institute of Geography and Spatial Management of the Jagiellonian University	20
Studia Historiae Scientiarum	20
Studia Migracyjne – Przegląd Polonijny – co-publisher Faculty of International and Political Sciences of the Jagiellonian University	40
Studia Środkowoeuropejskie i Bałkanistyczne	20

The “PAUza Akademicka” online weekly has been published for over 20 years, and its jubilee 500th issue was published on 6 February 2020.

In addition to magazines, 19 book titles were published in the reporting year. The total amount of all issued volumes is over 1080 printed sheets. The PAU Publishing Committee looks after the level of our publications. Currently, all the submitted texts are reviewed by independent reviewers, and only works that have received unambiguously

positive reviews are accepted for publication. The Committee is currently chaired by PAU Vice-President, Professor Andrzej Mączyński. Finally, it is worth mentioning that in 2019 PAU Publishing House took part in the International Book Fair in Kraków for the first time.

International cooperation

Each year, the international cooperation of PAU is becoming more important. At present, the Academy has concluded cooperation agreements with 22 Academies and other research units. The most active personal exchange takes place with the Czech Academy of Sciences, the Slovak Academy of Sciences, the Hungarian Academy of Sciences, and the Lithuanian Institute of History.

INTERNATIONAL COOPERATION

- Ukrainian Academy of Sciences
- Slovak Academy of Sciences
- Czech Academy of Sciences
- Hungarian Academy of Sciences
- Slovenian Academy of Sciences (the protocol for 2020–2023 was signed)
- Macedonian Academy of Sciences
- Romanian Academy of Sciences
- Lithuanian Institute of History
- The ExtreMe Matter Institute
- Berlin-Brandenburg Academy of Sciences and Humanities
- Polish Scientific Society in Zhytomir
- The Royal Society of Edinburgh
- Hungarian Academy of Arts
- Scientific Library of The Vasyl Stefanyk Ciscarpathian National University in Ivano-Frankivsk, Ukraine
- Austrian Academy of Sciences
- Ivan Franko National University of Lviv

Moreover, PAU is a member of two international organisations: the International Academic Union (**UAI**) and the All European Academies (**ALLEA**). Cooperation with the Polish Institute of Arts and Sciences in America (**PIASA**) in New York and the Polish Institute of Arts and Sciences in Canada (**PIASC**) in Montreal should also be

mentioned here. Both institutes have the formal status of PAU Scientific Stations. Together with the New York Institute, we publish “The Polish Review” journal.

Research support activity

Three PAU units are involved in this activity: The Scientific Library of PAU and PAN² in Kraków, The Archives of the Science of PAN and PAU in Kraków, and the Lanckoroński Phototeca.

The Scientific Library is the second largest facility of its kind in our city. Under the direction of Agnieszka Fluda-Krokos, PhD, the new director of the Library, several organisational changes have been initiated in this unit, which should lead to a better use of the valuable collections. The Library is replacing old shelves and map cabinets. At the same time, a new storage room was renovated, located in the basement of the PAU headquarters. This room is currently being furnished. The Library of PAU and PAN runs its own publishing activity, and one of its effects is an interesting calendar for the year 2019. It is worth noting that this calendar is the result of cooperation between our two units: the Scientific Library and the Lanckoroński Phototeca, and was published in connection with the 90th anniversary of the transfer of the Phototeca to the Polish Academy of Arts and Sciences. The calendar presents selected photographs from the Lanckoroński collection together with relevant maps from the collection of the Scientific Library. Figures regarding the Library are illustrated in Tables XII–IV.

Table XII. The Scientific Library of PAU and PAN
Collection of the Library in numbers – **31.12.2019**

Total number of prints: including:	563 664 vols.
periodicals	347 958 vols.
monographs	215 706 vols.
Special collections in total: including:	176 343 vols. & inventory units
old prints	16 248
manuscripts	16 421

² Polish Academy of Sciences.

parchment diplomas	627
occasional prints	11 145
cartography	12 226
positive microfilms	2739
negative microfilms	624
graphics	99 237
drawings	2266
ex librises	14 657
museum collections	153
Total collection amount	740 007 vols. & inventory units

Table XIII. Acquisitions of the Scientific Library of PAU and PAN in 2019

exchange	monographs	329
	periodicals	721
	on-line journals	165
	Total:	1215
donations and purchases	monographs	837
	periodicals	428
	Total:	1265
donations to the Etchings Room	illustrations	56
	Total:	56

Table XIV. Scientific Library of PAU and PAN: visits in 2019

Number of visits in reading-rooms	2255
Made available: books journals	2792 vols. 2269 vols.
manuscripts parchment documents old prints cartography microfilms illustrations, photographs, drawings surveys of the library holdings	527 inventory units 10 inventory units 174 inventory units 13 cartography units 972 units 3771 inventory units 142

The Archives of the Science are a common unit of the PAN branch in Kraków and PAU.

In the reporting year, an international archive conference entitled *Legacy of the 21st Century. Problems of Collecting, Developing and Sharing* was organised in this unit. The conference was held under the honorary patronage of the Chief Director of State Archives. In addition, in 2019 the Archive organised 6 exhibitions.

The Lanckoroński Phototeca has belonged to PAU since 1929. It contains over 50,000 photograms, which are still successively organised, compiled, and digitalised. In 2019, as part of a project co-financed by the Ministry of Culture and National Heritage and the Lanckoroński Foundation, 3092 photographic prints were developed and digitalised. In addition, in December 2019, Phototeca's achievements were presented during the 7th Toruń Archival Confrontations. It is also worth mentioning that the reporting year was the 90th anniversary of the transfer of the "gift of scientific photographs" for the Polish Academy of Arts and Sciences by Karol Lanckoroński.

Polish Library in Paris

The Polish Library in Paris co-owned by PAU and the Historical and Literary Society in Paris requires special attention. Each financial year, the Academy transfers PLN 1,500,000 from the subsidy of the Ministry of Science and Higher Education to the Library. This is surely not enough. Unfortunately, the works on final regulation of the legal and financial status of the Library, conducted in the Ministry of Culture and National Heritage were not finished until the end of 2019. In the reporting year, PAU carried out three research projects financed by the National Programme for the Development of Humanities, aiming at inventorying historical materials, prints, sculpture, painting, and miniatures collection kept by the Polish Library in Paris.

Prizes, awards, and scholarships

As every year, in the reporting year PAU granted prizes and awards. The most prestigious is the **Erazm and Anna Jerzmanowski Prize**. The prize, founded by the Małopolska Province Authorities, is granted for cultural, scientific, and charitable activity. In 2019, for the eleventh time after the reactivation of the prize, it was given to

Professor Adolf Juzwenko. The ceremony took place on 20 May 2019 at the Wawel Royal Castle in Kraków.

The Tadeusz Browicz Award is given by PAU at the request of Class V: Medicine. In the reporting year, the prize was awarded to Professor Joanna Mika (Institute of Pharmacology, PAN) for a series of works: *Pharmacological modulation of neuroimmunological mechanisms associated with the activation of glial cells in neuropathic pain*, and Krzysztof Bryniarski, MD (John Paul II Kraków Specialist Hospital, Clinical Department of Interventional Cardiology) for a series of works on intravascular imaging of atherosclerotic plaque.

The Marian Mięśowicz Award is granted at the request of Class III: Sciences and Technology. In 2019, it was awarded to Bogdan Damski, PhD and Marek Rams, PhD for the work *Quantum Fidelity in the Thermodynamic Limit*, published in “Physical Review Letters” in 2011.

In the reporting year, at the request of the inter-Class Commission on the Evaluation of Textbooks, PAU also distinguished the two-volume textbook *Physics with a Plus* (authors Krzysztof Hodorecki and Artur Ludwikowski), published by the Gdańsk Educational Publishing House.

Each year, a committee chaired by Professor Andrzej Borowski grants scholarships of the Lanckoroński Foundation and the Lanckoroński of Brzezie Foundation. Apart from PAU representatives, it includes the delegates of five universities (Jagiellonian University, Adam Mickiewicz University, University of Warsaw, Nicolaus Copernicus University in Toruń, and Wrocław University), and the Foundations. The scholarships are granted in five disciplines (Mediterranean archaeology, classical philology, history, history of philosophy, history of art); in 2019, 65 persons received them.

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Scientific Library of PAU and PAN in Kraków

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Polish Academy of Arts and Sciences' art collection

PAUart
www.pauart.pl

ISSN 1230-7033

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