



# ANNUAL REPORT

2016

**PAVOL JOZEF ŠAFÁRIK UNIVERSITY IN KOŠICE**  
*UNIVERSITAS CASSOVIENSIS AB ANNO 1657*

A black and white photograph of a woman with long hair, wearing a dark jacket, looking down at an open book. The background is slightly blurred, showing what appears to be a window or a wall. The overall mood is academic and focused.

# UPJŠ IN KOŠICE

## MISSION

Pavol Jozef Šafárik University in Košice ranks among significant and recognized educational and scientific institutions not just in the Slovak Republic, but also in advanced Europe. Currently, the University consists of the Faculties of Medicine, Science, Law, Public Administration, and the Faculty of Arts, educating physicians, professionals in science, mathematics and information science, teachers, lawyers, public administration specialists, psychologists, social workers, political

scientists, historians, translators and interpreters, the English language and linguistics experts, literary scholarship and culture of the English-speaking countries, gender studies, specialists in philosophy, applied ethics, mass media studies, teachers of the Slovak, English, German, and Latin languages and literatures, psychology in combination with other study subjects. The graduates from this second oldest classical Slovak university have a good reputation both at home and abroad.

# UPJŠ IN KOŠICE

## MANAGEMENT

### Rector:

**Prof. RNDr. Pavol Sovák, CSc.**

Term of office: 22/08/2015 – 21/08/2019

### Vice Rectors:

Vice Rector for Research and PhD Study

**Prof. RNDr. Peter Fedoročko, CSc.**

Vice Rector for Legislation

**Prof. h. c. Assoc. Prof. JUDr. Mária Bujňáková, CSc.**

Vice Rector for Development and European Issues

**Prof. MUDr. Pavol Jarčuška, PhD.**

Vice Rector for Public Relations Development

**Prof. PhDr. Ján Gbúr, CSc.**

Vice Rector for International Relations and Mobility

**Assoc. Prof. Ing. Silvia Ručinská, PhD.**

Vice Rector for Higher Education

**Prof. Ing. Mária Mareková, CSc.**

### Bursar:

**RNDr. Ing. Michal Tkáč, PhD.**

## FACULTIES

Faculty of Medicine

**Prof. MUDr. Daniel Pella, PhD., Dean**

Faculty of Science

**Assoc. Prof. RNDr. Gabriel Semanišin, PhD., Dean**

Faculty of Law

**Assoc. Prof. JUDr. Gabriela Dobrovičová, CSc., Dean**

Faculty of Public Administration

**Assoc. Prof. JUDr. Mária Hencovská, CSc., Dean**

Faculty of Arts

**Prof. PhDr. Oľga Orosová, CSc., Dean**

## UNIVERSITY UNITS

Research and educational units:

- Institute of Physical Education and Sport
- Botanic Garden

Information workplaces:

- University Library
- Centre of Information and Communication Technologies

Special-purpose establishments:

- Student Hostels and Canteens
- Teaching and Training Facility in Danišovce
- Chorus Universitatis Šafarikianae – the University Choir

University Counselling Centre

Centre of Lifelong Education and Project Support





## OVERVIEW OF THE MOST IMPORTANT FUNCTIONS AND ACTIVITIES OF THE UNIVERSITY-WIDE NATURE

On 14th January 2016, the ceremonial opening of the Research Centre for Progressive Materials and Technologies (PROMATECH) took place. This Research Centre creates a realistic platform for the development of cooperation between the academia and industry in the field of applied material research, which can significantly contribute to increasing overall competitiveness of the Slovak industry by supporting the implementation of new materials and technologies in the production processes and products.

The UPJŠ Rector, Prof. Mgr. Pavol Sovák, CSc., and Vice-Rector for International Relations and Mobility, Assoc. Prof. Ing. Silvia Ručinská, PhD., received on 1st March 2016 His Excellency, Mr. Jean Didier Lopinot, the French ambassador, accompanied by the President of the French Alliance in Košice, Mr. Roman Gajdoš. In their meeting, they highlighted very good mutual relations and expressed their mutual interest in strengthening them, especially in the field of higher education.

On 16th March 2016, the UPJŠ Rector, Prof. RNDr. Pavol Sovák, CSc., and Vice-Rector for International Relations and

Mobility, Assoc. Prof. Ing. Silvia Ručinská, PhD., received His Excellency, Mr. Khalid Shaban, the Libya's Embassy Department of Culture. In their meeting, they highlighted good relations between the two countries in the field of higher education development and expressed their mutual interest in their further strengthening. They also exchanged views on the state of the art in education in Slovakia and Libya.

On 26th April 2016, an Open Door Day for Ukrainian applicants for the study at UPJŠ was held at the premises of the Socrates building. After the official agenda, the ODD participants could take a tour of the premises and laboratories of the University in the premises at Šrobárova and Moyzesova streets.

On 9th June 2016, a meeting of the UPJŠ in Košice Academic Community was held. The UPJŠ Rector and the Chairperson of the UPJŠ Academic Senate presented the UPJŠ Academic Senate Activity Report, the UPJŠ Activity Report, and the UPJŠ Economic Management Report for the year 2015.

On 17th June 2016, the Open-Door Day of the Third Age University took place, during which its degree programmes were presented in Law, Medicine, Plants in the Environment, Natural Sciences, Digital Technologies in Everyday Life, Psychology, and the English Language. The Third-Age University is intended for participants who are at least 50 years of age and have at least attained their secondary education with a GCSE.

On 14th – 16th June 2016, the third year of the Spring School of Doctoral Students was held in Liptovský Ján, which was attended by 40 PhD students. The Spring School of PhD Students helps to improve the quality of PhD students' study in social sciences, humanities, medical and natural sciences, mathematics and the computer science. At the same time, the interdisciplinary component of professional development of PhD students is being developed.

On 28th June 2016, the UPJŠ Rector, Prof. RND. Pavol Sovák, CSc., received Professor Mark Wiliam Meisel, PhD., and awarded him the Memorial Medal of Pavol Jozef Šafárik University in Košice. The award was granted to him at the end

of his sabbatical year at the UPJŠ in Košice Faculty of Science and for the development of UPJŠ in Košice in the fields of science and education.

On 11th – 15th July 2016, the sixth year of the "University without Borders" project of the Children's University took place. It was attended by 52 participants – pupils of the 5th and 6th grades of primary schools. An interesting programme was prepared by the Faculties and University units.

On 28th September 2016, Pavol Jozef Šafárik University in Košice awarded the Honorary Doctor degree in the field of Law to JUDr. Pavel Rychetský, a significant and outstanding personality, who is credited for the development of democracy and humanity.

On 30th September 2016, UPJŠ participated in the Festival of Science – the European Night of Researchers. Over 70 scientific stands were established in the Optima Shopping Centre in Košice, and a number of presentations were offered by the universities and the SAS research institutes of Košice. The UPJŠ in Košice venture was officially launched by the UPJŠ in Košice Rector, Prof. RNDr. Pavol Sovák, CSc.

On 7th October 2016, in cooperation with the Department of Education of the Košice Self Governing Region, UPJŠ organized its Open Door Day. The venture took place in the premises of the Socrates building at the UPJŠ campus at Moyzesova 9. The Faculties and University units prepared presentations of their workplaces and all the accredited study programmes for its visitors. At the information booths, students received answers to various questions on the study, as well as the necessary information on the admissions procedures and deadlines for filing the applications.

On 11th – 13th October 2016, the jubilee 20th study and vocational career fair, AKADÉMIA & VAPAC, was held in Bratislava, which offered an ideal platform for presenting the study programmes, exchange programmes, language courses, further education, consulting services, and various job offers. The venture was also actively attended by the UPJŠ exhibition stand with a presentation of the possibilities of study for the applicants for study.

On 19th October 2016, the UPJŠ Rector, Prof. RNDr. Pavol Sovák, CSc., received at the Rector's Office the delegation from the French Embassy in Bratislava – M. Jean-Pierre Jarjannette, the Counsellor of the Embassy for Cultural Cooperation, and the Director of the French Institute in Slovakia, M. François – Xavier Mortreuil, Attaché for Scientific and University Cooperation of the French Embassy in Bratislava, and the Officer for University Cooperation of the French Institute in Bratislava, Mme. Jessica Joyau. They discussed the possibilities of mutual cooperation. Both parties agreed that the need to support university education is a priority task for the present-day society.

On 16th November 2016, the UPJŠ Rector, Prof. RNDr. Pavol Sovák, CSc., received the students of the UPJŠ Faculties to congratulate them on their active and successful representation of this alma mater and granted them extraordinary scholarships for this activity. The event took place on the occasion of the Student Day at the Minerva Building at Moyzesova Street in Košice. The participants discussed the current situation in the higher education sector, the successes and plans of the students in the near future.

On 28th November 2016, a meeting of the President of the Slovak Republic Andrej Kiska with the Pavol Jozef Šafárik University in Košice students was held in the UPJŠ Faculty of Medicine aula maxima in Košice. The President was welcomed at the University by the Rector, Professor RNDr. Pavol Sovák, CSc. The student academic community had the opportunity to discuss with the President the topic of higher education and the state of the society.

On 16th December 2016, the UPJŠ Rector, Prof. RNDr. Pavol Sovák, CSc. received Professor Vincent A. Connors, and awarded him the Memorial Medal of Pavol Jozef Šafárik University in Košice. This significant award was given to him at the end of his Fulbright Scholarship residency at the UPJŠ in Košice Faculty of Science and for his merits in the development of UPJŠ in Košice in the fields of science and education.

# HIGHER EDUCATION

UPJŠ has defended its leading position in the Slovak university education milieu mainly on the basis of internationally recognized research, as confirmed by the Accreditation Commission by including UPJŠ among the four most significant scientific-research universities in Slovakia. The main priority of the present is to ensure that the study at all the units of UPJŠ in Košice is based on a high-quality scientific research led by teams of professionally erudite teachers who transfer the knowledge attained by their own scientific research into the teaching process. The UPJŠ staff exert every effort to ensure that during the educational process, the students work with advanced experimental instrumentation, the latest information and communication technologies, as well as innovative educational methods that they will be able to employ in their careers.

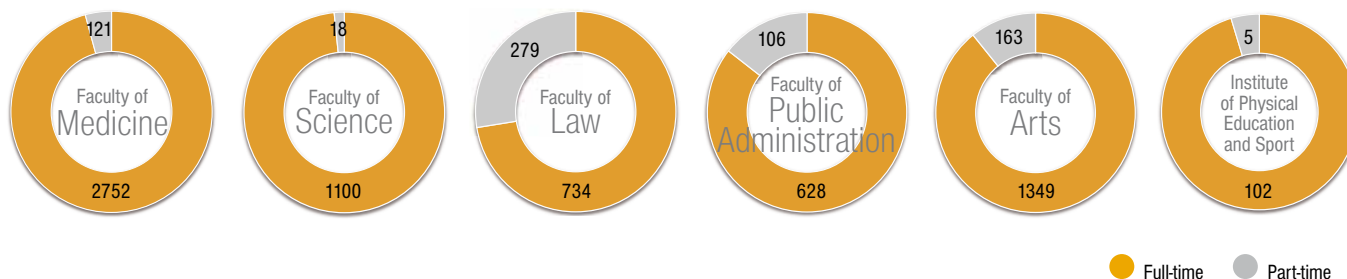
## STUDY PROGRAMMES OFFERED

UPJŠ offered a total of 164 study programmes in the year 2016 (of which 95 are Bachelor, 65 Magister, 4 PhD ones – the combined 1st and 2nd levels), 10 of which are studied in English.

## STRUCTURE OF STUDENTS

The total number of students enrolled in the study programmes of the first, second, the joint first and second levels, and the third level in both full-time and part-time forms at UPJŠ in the year 2016 amounted to 7,357 students, of which number 6,665 students studied in the full-time form and 692 in the part-time form.

NUMBER OF FULL-TIME AND PART-TIME STUDENTS AT INDIVIDUAL UPJŠ IN KOŠICE UNITS



As to the quality of education, the relatively low proportion of students in the part-time form of education, which has stabilized in the last two years and amounts to 9%, may be considered positive.

There are 1,273 international students at the University enrolled in the study programmes of the 1st, 2nd, the joint

1st and 2nd, and the 3rd levels of study. The increasing proportion of international students at UPJŠ is the result of a great interest in the study of General Medicine and Dental Medicine at the Faculty of Medicine, where in the academic year 2016/2017, 1,130 international self-paying students were studying. At the Faculty of Arts,

13 Israeli students studied psychology at the Magister level. A group of 29 Ukrainian students joined the Faculty of Science, the Faculty of Public Administration, the Faculty of Arts, and the Institute of Physical Education and Sport. The total proportion of international students at UPJŠ in the academic year 2016/2017 is 17.3%.

## OVERVIEW OF STUDENT ACADEMIC MOBILITY

A total of 249 students were involved in the mobility. This number was lower than in the previous academic year, and the drop in mobility occurred at all the Faculties. International student mobility in the form of study and internships was mainly implemented through the Erasmus+, the National Scholarship Programme, NIL Fund, the Ceepus Programme, the Vyšehrad Fund, and other educational projects and programmes. UPJŠ received 100 students for study or internship at all of its Faculties. The number of international students enrolled was lower than in the previous academic year, mainly due to the drop in support for mobility from the National Scholarship Programme. On the contrary, the number of FreeMovers funded by their own funds increased, which also shows the interest of international students in studying at UPJŠ and the renown of the University abroad.

## ADMISSION TO STUDY

In accordance with the Higher Education Law Act, admission procedures are under the direction of individual Faculties, with the exception of the University study programme of Sport and Recreation. Several study programmes admit applicants only on the basis of their secondary school study achievements (the Faculty of Science, the Faculty of Public Administration, and quite a number of study programmes at the Faculty of Arts). The admission procedure at the Faculty of Medicine, the Faculty of Law, and selected study programmes at the Faculty of Arts, was carried out on the basis of the results of the written admission examination. The Faculty of Science requires from the secondary school graduates passing a test of general study requirements of the National Comparative Exams organized by the SCIO company and for Gymnasium leavers as an alternative to their learning outcomes. Admission to the second and third levels is made almost exclusively via electronic application, which significantly facilitates the administrative processing of the admission procedure data.

A total of 5,988 applicants showed interest in studying at all the levels of study at UPJŠ in the year 2016. Of these, 4,919 were applicants at the first level study, 821 at the second level of study, and 248 at the third level of study. 3,664 applicants



were admitted to the study and 2,632 students enrolled. At UPJŠ, there are study programmes in the fields of study which traditionally mark a very high level of interest, where the number of students enrolled exceeds the capacities several times, and there exist study branches, where there are fewer candidates interested in the relevant study programmes than the University is ready and able to accept. The first group includes, for example, General Medicine and Dentistry, Journalism, Humanities, Biology, and the interdisciplinary study of Biology and Chemistry. In the year 2016, the situation in admission in the study programmes at the second level of higher education was somewhat more different from that at the first level study programmes. Most of the UPJŠ graduates from the 1st level of study continue to study at the second level at this University, as has been the case in recent years.

## GRADUATES FROM HIGHER EDUCATION

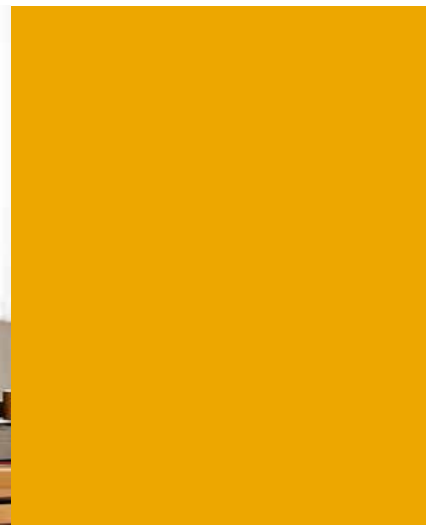
In the academic year 2015/2016, 1,881 graduates from the 1st, the 2nd, the joint 1st and 2nd, and the 3rd levels of study successfully completed their university studies. 8.1% of UPJŠ graduates from 1st level of study and 10% of the 2nd and the joint 1st and 2nd levels completed their study with honours. Students of the Faculty of Science, the Faculty of Medicine, and the Faculty of Arts attain the highest percentage in terms of the number of students completing their study with honours.

# PROVIDING FURTHER EDUCATION

The Centre for Lifelong Learning and Project Support (CCVaPP) is a University leader in further education, whose main mission is in meeting the University's objectives in providing further forms of lifelong learning, developing interdisciplinary curricula at all the levels of education and lifelong learning activities, innovating forms of education and providing services to the public in the field of education. It is also a unit for providing complex support to project and commercial activities of the University and its components. The CCVaPP is in charge of preparing the accreditation files for further and continuing education; in the field of continuing education, it offers 21

educational programmes (updating and innovation and continuing education) and 2 educational programmes (updating - preparatory attestation education). In addition, it offers courses to increase digital literacy - tailor-made to suit specific requirements. In the context of commercial activities, the most important is the implementation of training for the Ministry of Finance of the Slovak Republic in the field of public finances. Eight different training courses were attended in the year 2016 by 1,924 public administration staff. Educational activities consisted of different types of training courses. It continued to carry out educational activities within the IT Valley Academy

- the SAP AKADÉMIA project from IT companies. The IT Day Camp organised in July focused on programming. In May, the University of the Third Age at UPJŠ was launched, which was the result of leaving the Association of Košice Universities, which had been running this activity. In September 2016, the first year for 83 participants was launched, and three study programmes launched its second year - Medicine, Law, and Plants in the Environment. In addition to these study programmes, another 5 study programmes are being prepared, specifically the English Language, Digital Technology in Everyday Life, Political Science, Natural Sciences, and Psychology.





# RESEARCH, ARTISTIC, AND OTHER CREATIVE ACTIVITIES

UPJŠ ranks among institutions with long-standing tradition of scientific research, which fulfils the mission of the University and is included within its priorities. The areas of research direction are defined in the Long-term Prospect of UPJŠ in Košice for the Years 2016 to 2021. Within the framework of the pilot project entitled "Identification of Top Scientific Teams of Higher Education Institutions in Slovakia", the Accreditation Commission ranked two scientific teams at UPJŠ among the top scientific teams of higher education institutions in Slovakia:

- QMAGNA - Quantum Magnetism and Nanophysics
- BioAktiv - Bioactive Drug Research Team for Biomedical Applications
- EXTASY - Excellent team for Atherosclerosis Research

## PROJECTS SUPPORTED FROM THE NATIONAL GRANT SCHEMES

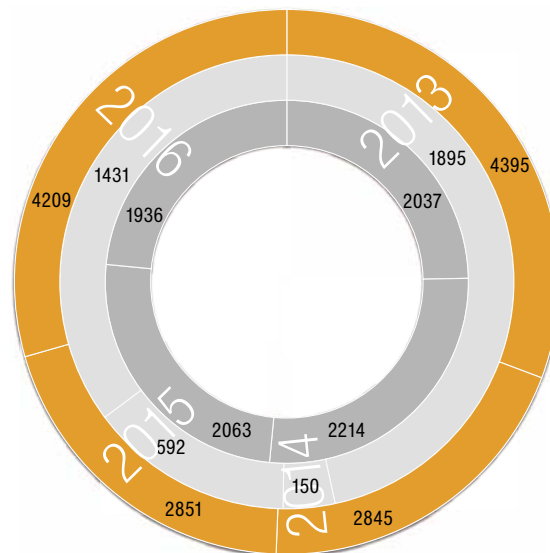
In the year 2016, 178 projects supported by the national grant schemes were addressed at UPJŠ, of which 141 were research projects and 37 were included within the structure of other projects. Bachelor degree students are usually not involved in the project research. Selected Magister level students are involved in addressing the projects through their final degree theses, and PhD students are generally co-researchers in the projects.

## PROJECTS SUPPORTED FROM INTERNATIONAL GRANT SCHEMES

In the year 2016, 20 projects supported by international grant schemes (projects H2020, projects funded by the European Commission) were addressed at UPJŠ. The average amount of funds obtained from international research and non-research projects per 1 creative employee of UPJŠ amounts to over € 1,996. In the year 2016, 84.6% of creative staff were involved

in addressing the projects funded from both national and international sources.

Since basic research is carried out at UPJŠ as a classical university, the main types of outputs of the scientific work of the creative staff of UPJŠ include, according to the addressed field of research, the publishing outputs mainly in the form of monographs, papers in the monographs, scientific works published in journals registered in the WoS, SCOPUS and recently also in the ERIH databases.



- Overall project funding (in thous.)
- International research projects (in thous.)
- National research projects (in thous.)

## INTERNAL GRANT SCHEME

The so-called "Internal Scientific Grant System (VVGS) of Pavol Jozef Šafárik University in Košice has been introduced at UPJŠ since 2004 for young university teachers and researchers and PhD students in their full-time study. From 2016, calls have been launched in three programmes available to all the members of the UPJŠ academic community, specifically, "Interdisciplinary Research Projects for University Teachers and Researchers of up to 35 Years of Age and PhD students in Their Full-time Form of Study" (hereinafter referred to as VUaVP35), the "Research-Oriented Projects" programme for all the creative staff, and the "Institutional Support for H2020 Projects" programme for all the creative staff. In view of the fact that the University management considers VVGS an important part of the PhD students training for professional work, the VUaVP35 was innovated for young scientists and

PhD students with an absolute emphasis on interdisciplinary projects involving at least two research areas and the creation of larger teams of researchers. In the year 2016, 45 VVGS projects from the 8th and the 9th call were addressed, with € 45,000 in funding allocated in the year 2016.

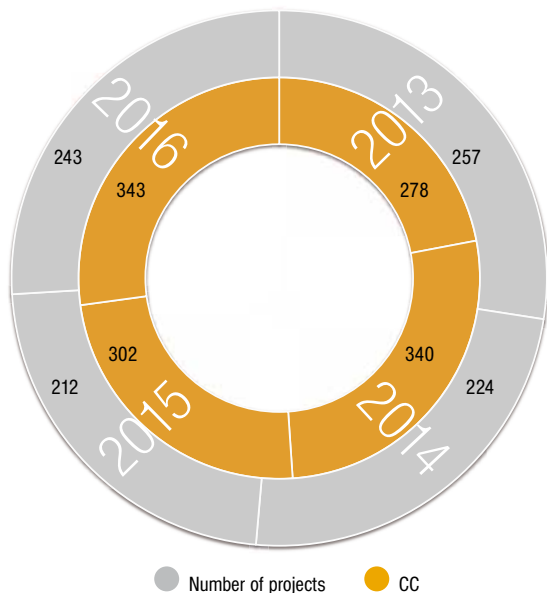
## QUALIFICATION STRUCTURE

871 creative employees were working at UPJŠ in the year 2016. Of these, 738 were university teachers and 123 researchers. Of the total number of the UPJŠ creative employees, 34 of them were holders of the scientific rank of the Doctor of Science - "DrSc". Most of the employees without the PhD degree work at the Faculty of Science in the field of applied research, at the Medical Faculty they are physicians at the clinical workplaces, and language teachers at the Faculty of Arts.

QUALIFICATION STRUCTURE OF THE UPJŠ CREATIVE EMPLOYEES IN THE YEAR 2016

	PROFESSORS	ASSOCIATE PROFESSORS	PhD.	UNIVERSITY EDUCATION WITHOUT PhD.
Faculty of Medicine	42	62	203	103
Faculty of Science	32	53	122	15
Faculty of Law	8	15	34	5
Faculty of Public Administration	2	8	20	0
Faculty of Arts	13	30	71	16
University units (total)	1	44	7	3

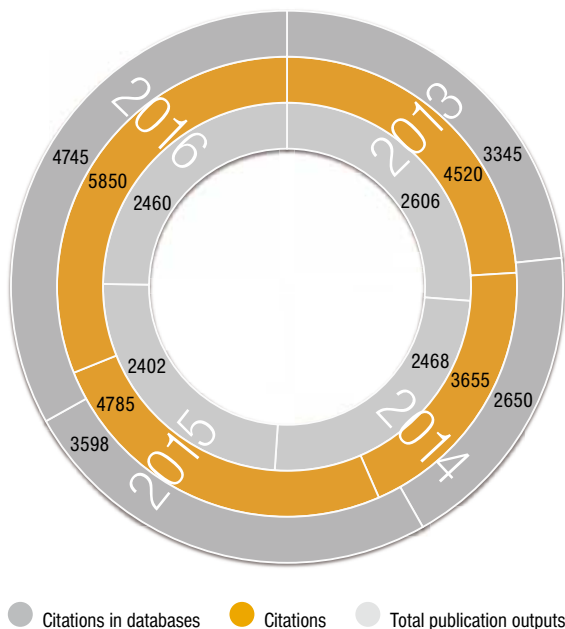
<b>UPJŠ (TOTAL)</b>	<b>98</b>	<b>172</b>	<b>459</b>	<b>142</b>
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## PUBLICATIONS

In the year 2016, UPJŠ employees published a total of 2,460 (of which 343 CC) publishing outputs. This number reflects the state of the art as of 31st March 2017 and is comparable to the number of published outputs in the years 2013 (2,606 publication outputs), 2014 (1,320 publication outputs), and 2015 (2,402 publication outputs).

The research focus of UPJŠ is evidenced by the fact that in the reporting period of the year 2016, the University employees published 343 works in CC journals, representing almost 14.1% of all the works in the journals published by universities in the Slovak Republic (2,594) and registered in the CREPČ system. It is worth mentioning that the proportion of UPJŠ in the total number of students of public higher education institutions in the SR amounts to only 5%.



The analysis of the organization of research activities clearly demonstrates that the internationally accepted research is mainly carried out at the Faculty of Science, the Faculty of Medicine, and the Faculty of Arts, while other Faculties are also active in this field - as evidenced by the survey of the number of reports on the published outputs at UPJŠ in the year 2016, publishing in CC journals, publishing with renowned international publishers (e.g. Cambridge Scholars Publishing, Cambridge University Press, Springer). It is worth considering the fact that the number of responses is higher than the number of published works. One creative employee earned an average of 6.7 replies for their work during the period under review.

## ASSOCIATE PROFESSOR AND INAUGURAL APPOINTMENT PROCEDURES

Associate Professor appointment procedures of 19 associate professors and the inaugural procedures were completed by 2 candidates at UPJŠ in the year 2016. The President of the Slovak Republic appointed three Professors at UPJŠ. The average age of habilitants is 44.5 and inauguralators 47.5.

# EMPLOYEES

Attainment of a continuous qualified staffing background at individual workplaces was aimed at increasing the qualifications structure and creating the conditions for personal development of junior scientists. The goal remains to morally and financially motivate the creative University staff to improve

their performance on the principle of transparency and deserved justice. In the category of "university teachers", there was an increase by 8.5 employees, in the category of "research staff" there was a decrease of 6.7 employees in the year 2016. In the "other staff" category, an increase by 5.4 employees

occurred, mainly due to the change in the organizational structure of the Rectorate and the establishment of new university centres - the UPJŠ Centre for Lifelong Learning and Project Support and the University Advisory Centre. The number of employees as of 31st December 2016 amounted to 1,570.

## AGE STRUCTURE OF EMPLOYEES

AGE	NUMBER OF EMPLOYEES	IN %
up to 30 years	127	8,09
up to 40 years	418	26,63
up to 50 years	391	24,90
up to 60 years	399	25,41
up to 65 years	129	8,22
over 65 years	106	6,75

## RE-CALCULATED NUMBER OF UNIVERSITY TEACHERS AS OF 31ST DECEMBER OF 2016 AND 2015

	2016		2015	
	Number	In %	Number	In %
Number of Professors and Assoc. Professors with the academic degree of DrSc.	95,17	6,51	96,43	6,69
Number of Assoc. Professors without the academic degree of DrSc.	165,13	11,30	160,07	11,11
Number of teachers with the academic degree of CSc., PhD.	309,07	21,15	316,85	21,98
Number of teachers without an academic degree	93,22	6,38	80,35	5,57
<b>TOTAL</b>	<b>662,59</b>	<b>45,34%</b>	<b>653,70</b>	<b>45,35%</b>

# STUDENT SUPPORT

Student support at UPJŠ was mainly implemented in the following three areas: social welfare support for students, support for the study, and support of association and extra-curricular activities.

## SOCIAL WELFARE SCHOLARSHIPS

The core of social welfare support for students consisted of three components: social welfare scholarships for students from low-income families, student accommodation, and boarding. The social welfare scholarships from the Ministry of Education, Science, Research, and Sport of the SR subsidy were paid out in the amount of € 1,267,125 in the year 2016.

## STUDY ACHIEVEMENT SCHOLARSHIPS

Student support has had a variety of

forms, including financial incentives - a motivational scholarship that was implemented by paying out a branch scholarship, a study achievement scholarship for ten percent of students with the best study achievements attained during the past academic year, the annual Rector's awards, and extraordinary scholarships. The study achievement scholarships were disbursed in a total of € 212,100.00 to full-time students. Branch scholarships amounting to € 103,380.00 were awarded to students studying in selected study fields at the Faculty of Science. The Rector's Awards were granted in the form of the Rector's Annual Awards to the first or the second level graduates



for the outstanding study results throughout the course of their study, to students who have attained outstanding results in scientific research and sports, and by extraordinary scholarships to the students who successfully represented this University in various areas, such as sports or culture. Altogether, a total of € 23,480.00 was disbursed.

# SUPPORT ACTIVITIES

## COUNSELLING AND CAREER SERVICES

The UPJŠ University Consulting Centre (UNIPOC) provides consulting services for all the students, including support for the students with specific needs in the following areas:

- legal advice,
- psychological counselling,
- social counselling,
- career services.

The main aim of the career services is to offer comprehensive career services to the UPJŠ students. The labour market is currently being unstable and the demands on employees are changing. This is why Pavol Jozef Šafárik University implements several activities through the UNIPOC to

systematically work on increasing the chances for its students and graduates to find jobs in the labour market. These services are designed for students who, while studying and before completing it, are considering their further careers, looking for interesting job offers, and preparing for job interviews.



## ACCOMMODATION SERVICES

Support for the study also includes services provided by UPJŠ Students' Dormitories and Canteens. UPJŠ had 1,760 accommodation places for the accommodation of students in its own facilities in the year 2016. The University has another 500 places (Kosmalt) in the leased accommodation facilities of external contractors (Palmer Capital), where 55 students are also accommodated, who have come to the University as part of the Erasmus exchange programme. The conditions and ways of allocating the places to the interested parties are explicitly and transparently regulated by the UPJŠ Housing and Accommodation Rules of Procedure. Accordingly, the entire accommodation capacity is allocated to the University students regardless of the study programme and the Faculty they study at. The whole process is monitored and approved by the Accommodation Commission. The Commission has also set up mechanisms for the accommodation

of students coming to UPJŠ from other universities for their Magister degree, as well as accommodation for students after graduating from their study. The difference between offer and interest is quite mild, in contrast to several other Slovak universities. Accommodation has been allocated to all the applicants with severe disabilities, as well as to all the applicants - third-level students with their permanent residence exceeding 40 km.

## LIBRARY SERVICES

The UPJŠ University Library (UK) as a University workplace participates in information provision of teaching and scientific and research activities of employees and students of the University, creating the conditions for the support of the educational process and a stimulating environment for its users. It provides open-ended loan services, attendance loan services, consultancy and reference services in its study rooms, research services and information services from its own databases and external information resources, the interlibrary loan service and the international interlibrary loan service, it registers publishing and artistic activities of UPJŠ employees, provides reprographic and scanning services from the UK library collections. In the year 2016, it registered almost 8,000 users, the largest proportion of whom consisted of the University students of all three levels of study.

The UK has been involved in the educational process of its users by the implementation of library, information,

and cultural forms. Their goal is to increase user literacy, which should lead to the user's independent orientation in searching for relevant information from accessible professional internal and external information sources and consequently to their ability to evaluating and using them correctly. Webinars were appropriate forms for instructing both users and Library staff. In the context of awareness and keeping in touch with its users, the UK actively uses the Facebook social network.

## INFORMATION SERVICES

Data from electronic returns of the applicants for study from the AIS - the Academic Information System - to SQL The AIO (Automatic Identification of Individuals) was used as standard. At the same time, the number of electronic forms for admitted students has increased. The Information Systems Department as the RA DISIG certification authority extended its services in the year 2016 as a qualified provider of trustworthy services for the issuance of qualified certificates for the electronic seal and on the basis of the NBS list of mandate certificates (a special type of qualified electronic signature certificate issued under Section 8 of the Law Act on DS). At the same time, the AIS and SOFIA interconnections were implemented for the mutual transmission of data related to the study-related payments to which the Department provided its support. The new version of [www.upjs.sk](http://www.upjs.sk) was also finalized in a new, modern design. A new language mutation in the Ukrainian language and a testing

environment for the University web administrators was prepared. Selected staff members were trained to manage the IPR and SPVV of the Medipark information systems. They were also part of the team that implemented the RDSS system - the document register and the file service, in which the connection to the Central Public Service Portal has been implemented. Standard support for the information systems was also provided, statistics were compiled for internal purposes, as well as for external audits and documentation for the Ministry of Education.

## LEISURE AND OTHER ACTIVITIES

The Hornád Folklore Ensemble made several performances during the year 2016, successfully representing UPJŠ in Košice at various events both at home and abroad (the Open Door Day at UPJŠ, Academic Nitra, Zempliners' Days, the OKA MIH authorial profile programme, the folklore festival in Východná, etc.).

The mixed choir Chorus Universitatis Šafarikianae (CHUŠ) focused on the performances of a University character (e.g. Christmas Concert, ceremonial opening of the academic year, the UPJŠ Representative Ball, presentation on the Open Door Day of the Constitutional Court, ceremonial event of awarding the honorary degree of Doctor Honoris Causa to Prof. Rychetský, etc.).

The UPJŠ training facility in Danišovce provided employees, students, and the general public with the possibility of making individual trips, organising

various seminars, conferences, workshops, courses and physical activities, or offering recreation with a full-day diet. The accommodation capacity of 62 persons was continuously used as a maximum.

The UPJŠ Physical Training Union satisfied particularly the interests and hobbies of the University students, as well as high-school students, children, and citizens of Košice. In accordance with the goals and needs of body culture development, it also collaborated with other physical training bodies and social organizations. The UPJŠ TJ Slávia physical training union is a member of the Slovak Association of Physical Culture, it is a member of the Association of Physical Training Unions of Slovakia, and of the Slovak Association of University Sports.

In the year 2016, student associations and organizations of various orientation and targets continued their activities (the Coordinating Trade Union Council of the Trade Union at UPJŠ, the European Association of Law Students of Košice, the Association of Medical Students of the City of Košice, the Slovak Association of Students of Dentistry, the Student Parliament of the UPJŠ Faculty of Public Administration, SoFFia - the Civic Association of the Students of the UPJŠ Faculty of Arts, Ecce Historia - the Association of the Students of History at UPJŠ in Košice, PRÍRODOVEDEC - the Civic Association of Natural Sciences, the Slovak Botanical Society, the Slovak Physics Society, the Slovak Biophysics Society, the Slovak Computer Society, the Slovak Mathematics Society, the Slovak Chemistry Society, the Slovak

Histochemistry Society.

The student magazines Univerzál (the Faculty of Arts), PRÍMES (the Faculty of Science), the University Magazine Universitas Šafarikianae were being published, the Student Dorms Radio ŠtuRko was broadcasting, cooperation between the Student Dorms Council and the Students' Homes actively participated in the preparation of the lists of applicants for accommodation and in organising the life in the UPJŠ Student's Dormitories.

## BOTANIC GARDEN

The UPJŠ Botanic Garden in Košice (BZ) was carrying out its activity in the year 2016 according to the Plan of the Main Tasks of the BG for the year 2016. The main tasks in the field of education, science, research, culture, spreading the knowledge, and standard operation were continuously being attained. Additional issues of the scientific journal THAISZIA, a Journal of Botany, which is registered in the SCOPUS database, have been published. Various



thematic exhibitions and events were organized for its visitors (Open Days, Children's Day, Summer Festival of Creativity and Relaxation Looking for the Muses, the Botaniadi, Apiculture Exhibitions, Autumn Fruits, Butterflies, Bonsai, Cacti and Succulents, etc.).

Reconstruction of the central heating system was made in the year 2016. The new heat distribution system and heating bodies have contributed to the aesthetics of the environment in individual greenhouses, which has resulted in a more valuable service to visitors. Reconstruction of the heating system did not just mean a replacement

of the heating elements, but also included automation and control of the temperatures in individual greenhouses. Work in the greenhouses began in July 2016 and lasted for 3 months. The sum of € 127,200.00 was invested.

## INSTITUTE OF PHYSICAL EDUCATION AND SPORT

The Institute of Physical Education and Sport (UTVŠ) offered the University students a choice of several physical activities (aerobics, body form, bouldering, basketball, bedminton,

floorball, frisbee, yoga, pilates, swimming, step aerobics, table tennis, streetball, chess, tennis, volleyball). In addition to the regular physical training activities of the teams, the ÚTVŠ offered a possibility to take part in winter and summer physical activities beyond the semester. Several activities were carried out: the Survival Course, the University Day of Sports, the Futsal Tournament, the Fitness Day, the Psychomotor Games, etc. The gymnasiums, the body-building gym, the training climbing wall, and the tennis courts were available for sporting activities of UPJŠ students.

# DEVELOPMENT

## THE FIELD OF HIGHER EDUCATION

THE CURRENT STATE OF THE ART OF THE PROJECTS OF THE OPERATING PROGRAMME OF EDUCATION IN THE YEAR 2016

Project orientation	Beneficiary / Partner	Abbreviation	Participating units
Education	Beneficiary	Doktorand	Faculty of Science, Faculty of Arts
		MIV	Faculty of Science
		MoVeS	Faculty of Public Administration
		EXPERT	Faculty of Arts, Faculty of Science
		IRES	Faculty of Science, Faculty of Arts, Faculty of Law, Faculty of Medicine
		KVARK	Faculty of Science, Faculty of Arts
		SOFOS	Faculty of Science, Faculty of Arts
		RIFIV	Faculty of Science, Faculty of Arts, Faculty of Law, Faculty of Medicine, Faculty of Public Administration
		DiSaC	Faculty of Arts
		REZIDENT	Faculty of Medicine



In the 2014-2020 programming period, the call for Lifelong Learning under the State Aid Scheme was published at the end of 2016 under the Human Resources Operational Programme and UPJŠ started to prepare a project for submission. At the same time, a call for the National IT Academy project was launched, UPJŠ started to prepare the project as partner.

## THE FIELD OF SCIENCE, RESEARCH, INNOVATION, AND ARTISTIC ACTIVITY

CURRENT STATE OF THE ART OF THE PROJECTS OF THE OPERATIONAL PROGRAMME RESEARCH AND DEVELOPMENT IN THE YEAR 2016

Project orientation	Beneficiary / Partner	Acronym	
Infrastructural project	Beneficiary	Moder. IKT	
		OPEN DOOR	
		IKT	
		PLATÓN	
University Science Park	Beneficiary	MEDIPARK	
	Partner	TECHNICOM	
Application of research in practice	Beneficiary	ProBio	
		NanoBioSens	
	Partner	POKIMP	
		MikroMatel	
		BIODIAG	
		Tfaktor	
		CeZIS	
		VERZDRAV	
		MOLMED	
		IFNG	
Centre of Excellence	Beneficiary	EXTREM	
		CaKS	
		SEPO	
		CEVA I.	
		SEPO II.	
		CEVA II.	
		EXTREM II.	
		CEMIO	
		CEBT	
		CEEPM	
		Partner	CKV
			NanoCexMat
			CKV II
			NanoCexMat II.
Competence Centre	Partner	NEUREG	
		Probiotech	
		DIAGONKO	

## PROJECTS FROM THE EUROPEAN STRUCTURAL AND INVESTMENT FUNDS

In the 2014-2020 programming period, UPJŠ is hoping to succeed with the projects submitted as a priority under the Operational Programme Research and Innovation (OP VaI) and the Human Resources Operational Programme (OP HRE).

In the year 2016, several calls for applications for the non-refundable financial contributions (NFPs) were published within the OP VaI programme, with UPJŠ reflecting on three of them. UPJŠ wants to build on the successes of the previous programming period, trying to build on the acquired knowledge, infrastructure and cooperation with its partners by participating in the preparation of scientific and research projects in the year 2016.

In the position of a partner in the project, 8 projects for industrial research and development centres in the RIS3 SK specialization areas were submitted to the Research Agency in the amount of the total eligible expenses for UPJŠ of € 9,554,205.28, 4 projects for long-term strategic research and development in the area of RIS3 SK specialties in terms of available scientific and research capacities of the Slovak Republic in the amount of the total eligible costs for UPJŠ of € 28,385,965.00, and 2 projects for the 2nd phase of university science parks as a continuation and additional financing of the professional activities of UVP Medipark and UVP Technicom projects implemented in the 2007-2013 programming period through the OP R&D in the total amount of € 7,132,401.30.

Industrial R&D Centres in the RIS3 SK specialization areas and available scientific and research capacities of the Slovak Republic are now being

in the process of evaluating the NFP application which was preceded by an administrative evaluation, on the basis of which a number of administrative calls were elaborated and the projects were being supplemented with information and requested documents.

## MEDIPARK UNIVERSITY SCIENCE PARK

The strategic objective of the project is to build the University Science Park (UVP) MediPark Košice as a top national and international centre for applied research and development and to transfer its results to medical practice. The academic institutions participating in the project include: UPJŠ (the Faculty of Medicine and the Faculty of Science), The University of Veterinary Medicine and Pharmacy, the SAS Neurobiology Institute, and Technical University of Košice. The



project aimed at building the UVP MediPark Košice is implemented in three basic groups of activities:

- Building the physical infrastructure of the UVP MediPark Košice as a sophisticated technological unit at Trieda SNP No. 1 in Košice. The second building of the UVP MediPark Košice physical infrastructure will be the Pavilion of Surgery and PGA Small Animals at the University Veterinary Hospital (UVLF).
- Implementation of cutting-edge applied research in selected areas of science, including its socio-humanitarian dimension to public health in five key research programmes: Pharmacogenetics and Individualisation of Treatment; Metabolism - Atherosclerosis - Aging; Neuroscience; Regenerative and Reproductive Medicine; Zoonoses and Major Infectious Diseases.
- Organizational and management operation of the UVP MediPark Košice focused on
  - a) supporting the applied research in key (CORE) scientific fields,
  - b) ensuring the intellectual property of the results of applied research,
  - c) transfer of these results into practice through spin-off procedures.

## **THE TECHNICOM UNIVERSITY SCIENCE PARK FOR INNOVATIVE APPLICATIONS WITH THE SUPPORT OF KNOWLEDGE TECHNOLOGIES**

The TECHNICOM University Science Park will perform the following functions:

- Ensuring the establishment of business incubators for small and medium "Hi-Tech" companies, Start-ups, "Spin-off" companies, mainly generated on the basis of the relevant research and development results implemented within the research and innovation activities and projects of universities and the SAS institutions;
- promoting a broad-spectrum, effective, and mutually beneficial R&D cooperation between the universities and the SAS institutes and the relevant organizations from social and economic practice;
- creating the conditions for a continuous development of research and development with a permanent impact on the transfer of knowledge and technology, innovative practice at international, national, and regional levels;
- in cooperation with the University Centre for Innovation, Transfer of Technology and Intellectual Property Protection - UCITT at TUKE, becoming the first contact point for companies interested in collaborating with research and development teams from universities,

- providing counselling, educational activities, and performing the expertise.

The project at UPJŠ is 100% implemented by the Faculty of Science, the partners in the project include the Technical University in Košice and Prešov University in Prešov. From the viewpoint of infrastructure, the main benefit of the project is the acquisition of unique facilities.

## **PROMATECH RESEARCH CENTRE**

Strategic goal of the project:

- Building the National Progressive Materials and Technologies Research Centre for Present and Future Applications (PROMATECH).

Specific objectives and activities of the project:

- Supporting the development of research and development institutions and scientific and technical infrastructure. Building and running the Research Centre of Progressive Materials and Technologies.
- Cooperation within the academic sector in the implementation of applied research and development.

Applied research and development in the field of new materials and technologies.

- Improving the quality of the transfer of knowledge and technology to social and economic practices. Creating a platform for the technology transfer.

The main partner in the project was the SAS in Bratislava and the intention was to build a research centre of progressive materials and technologies for current and future applications. Scientific and research teams of the Faculty of Science were involved in the project. The partners in the project included the Institute of Material Research, the SAS in Košice, the SAS Institute of Experimental Physics in Košice, the SAS Institute of Geotechnics, the SAS Institute of Materials and Mechanics of Machines in Žiar nad Hronom, UPJŠ, and the Technical University in Košice. Research activities in the area of development and study of materials for ICT technologies and cryo technologies, new magnetic materials based on composites and micro wires were carried out within the project's specialized aspect.

## HORIZON 2020 PROJECTS

Horizon 2020 is the European Union's research and innovation funding programme. It is the main tool for implementing the Union's priority initiative - Innovation. Horizon 2020 brings together all the existing sources of the EU funding for research and innovation (including the Research Framework Programme), innovation activities under the Competitiveness Framework Programme, and the activities of the European Institute of Innovation and Technology. UPJŠ is aware of its responsibility for the implementation of Horizon 2020 projects, therefore in the year 2016 it set up an office to support the activities related to Horizon 2020 at CCVaPP to increase awareness of the calls of Horizon 2020, provide comprehensive

assistance in the preparation and implementation of projects. This is also linked to the increased number of applications for Horizon 2020 projects submitted by UPJŠ in the year 2016. A total of 12 applications have been submitted for projects that are at different stages of evaluation.

In the year 2016, funding for 2 research projects under Horizon 2020 was approved. The first approved project is the ALT international research project. Another approved project is the UrbanHist international research project.

## INTERNATIONAL ACTIVITIES

International engagement and a strong internationalization strategy have been one of UPJ's priorities for a long time. The involvement of UPJŠ in international activities is reflected in the year 2016 in all the areas in which the University plays its roles in society. The internationally relevant position of the individual UPJŠ Faculties and their employees has been confirmed in the educational, scientific, and research fields, as well as in the social field. An important signal and evaluation of UPJŠ's international activities is represented by the annual monitoring of the ratings of several international rankings and ratings, in particular the U-Multirank, RankPro, and URAP, which by their diversity of criteria and indicators provide the University with an appropriate image of its advancement.

A significant category of international activities of the University include the annual international mobility stays of employees and students, which UPJŠ intensively promoted and supported in the year 2016. In the period under review, all the forms of mobility were employed - internships, teaching and training stays. A positive approach to mobility and an

increase in its importance has been reflected in an increasing number of the employees' mobility. Overall, in the academic year 2015/2016, 176 employees of UPJŠ participated in the international mobility, which compared to the previous academic year meant an increase by 80 employees and 249 students of UPJŠ from all its Faculties and workplaces. The

UPJŠ employees and students used not only the Erasmus+ Programme for their international mobility, but also the National Scholarship Programme, the NIL Fund, the Ceepus Programme, the Vysegrad Fund, and other educational projects.

The international activities of UPJŠ, its Faculties and workplaces, are orientated and are implemented every year through organizational and individual memberships in various international organizations, councils, and other associations, international scientific and research cooperation, international educational projects, teaching in international language courses, organizing international ventures, supporting the students' participation in international competitions and events, taking international working trips, receiving international experts and their involvement in the teaching process and scientific and research activities at UPJŠ.

The UPJŠ, its offices and employees memberships were extended in the year 2016 by a total of 23 new memberships in international organizations. Over 20 contracts were made or extended by the individual UPJŠ workplaces in the year 2016 within the framework of international scientific and

research cooperation. The UPJŠ staff actively participated in addressing 14 international educational projects within the framework of the Erasmus+ Programme, the Vysegrad Fund, and the Ceepus Programme. Each Faculty offered a total of 216 international language courses for the incoming students, particularly within the Erasmus+ Programme.

In order to internationalize its teaching, UPJŠ carried out nine joint study and double study programmes. The number of self-paying international students increased to 1,128 in the year 2016, with the European countries prevailing as the countries of origin of these students. The UPJŠ students actively participated in international competitions and conferences, which in the international milieu valuably represented the Faculties and the University. The UPJŠ Faculties and workplaces organized 46 ventures with international participation during the monitored year. The UPJŠ experts gave almost 50 invited lectures at ventures abroad and attended more than 800 international working trips.



WISDOM  
KNOWLEDGE  
EDUCATION



OF THE PAST,  
OF THE PRESENT,  
OF THE FUTURE



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