



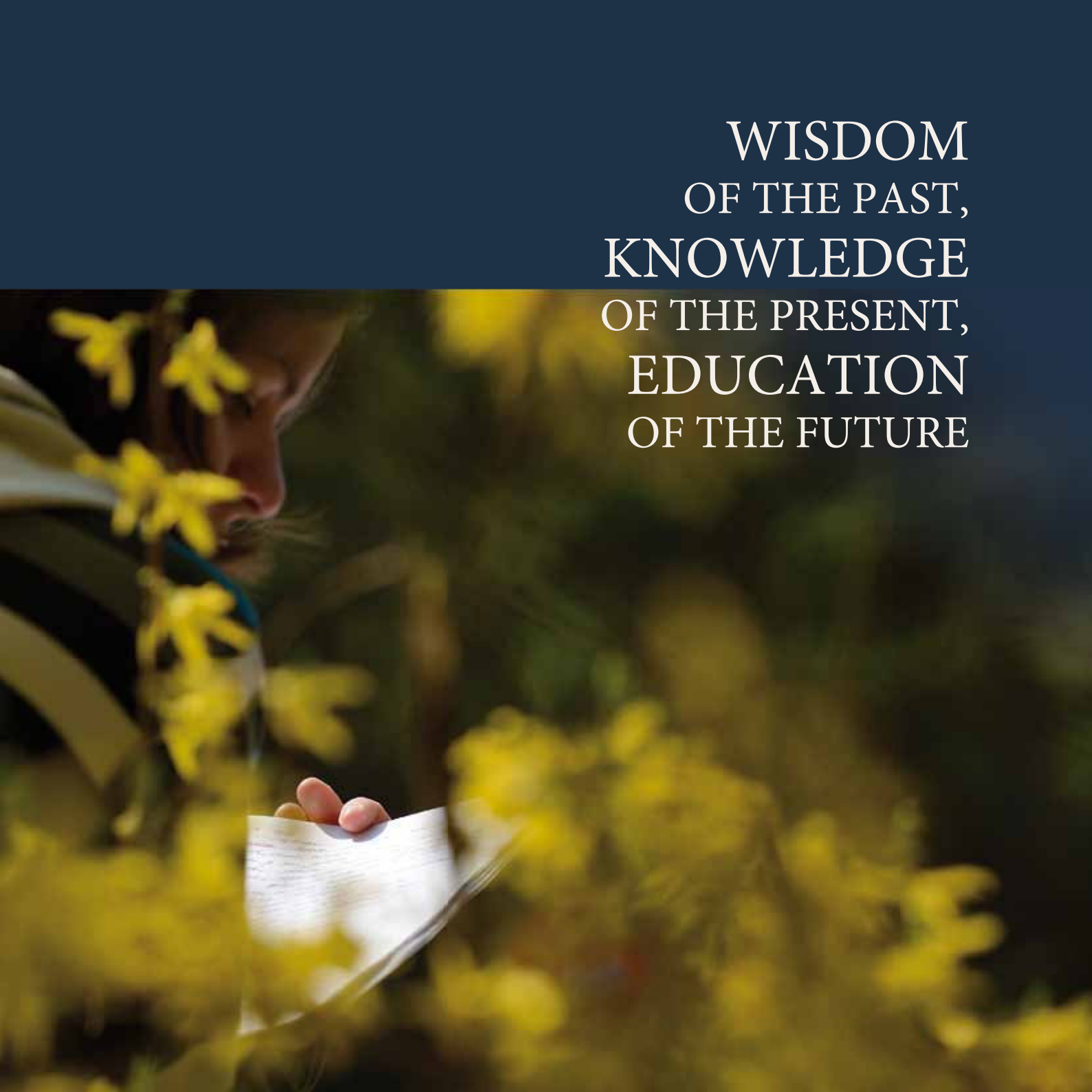
# 2013 ANNUAL REPORT



PAVOL JOZEF ŠAFÁRIK UNIVERSITY IN KOŠICE

*UNIVERSITAS CASSOVIENSIS AB ANNO 1657*





# WISDOM OF THE PAST, KNOWLEDGE OF THE PRESENT, EDUCATION OF THE FUTURE

## BASIC INFORMATION

Pavol Jozef Šafárik University in Košice (UPJŠ) ranks among the major educational and scientific institutions recognized not only in the Slovak Republic, but also in advanced Europe. The graduates from this second oldest classic Slovak University enjoy a good reputation both at home and abroad.

In the current period, the University consists of its

FACULTY OF MEDICINE  
FACULTY OF SCIENCE  
FACULTY OF LAW  
FACULTY OF PUBLIC ADMINISTRATION  
FACULTY OF ARTS

## UNIVERSITY UNITS

Research and teaching units:

INSTITUTE OF PHYSICAL EDUCATION AND SPORT  
BOTANICAL GARDEN

Information units:

UNIVERSITY LIBRARY  
CENTRE OF INFORMATION AND COMMUNICATION TECHNOLOGIES

Special purpose units:

HOSTELS AND CANTEENS  
TEACHING AND TRAINING FACILITY IN OPÁTKA  
TEACHING AND TRAINING FACILITY IN DANIŠOVCE  
THE HORNÁD FOLK ENSEMBLE



## THE MOST IMPORTANT FACTS ON AND ACTIVITIES AT UPJŠ

The review of the most important facts on, events and activities at UPJŠ in the year 2013 includes events held for the public, staff and students, seminars, conferences, activities related to the performance of the folklore ensemble, the list of awards, appointments and reception of distinguished personalities. With respect to their high numbers, the review of the facts and activities below does not list all the activities of Faculties and university units. Complete information may be found in the reports on the activities of individual units.

- UPJŠ welcomed Mr. Ihab Ahmed Talaat Nasr, Ambassador of Egypt to Slovakia, Prof. Dr. Mory Abu-Youssef, Cultural Counselor of the Embassy of Egypt for the Slovak Republic in Vienna, and Ms. Michaela Taročková, assistant to the Ambassador, at this University Rector's office on 21/01/2013. At the meeting, they discussed the issues from different areas of public and cultural life, focusing on the priorities of the current higher education.
- On 26/09/2013 we welcomed His Excellency Michael George Schmunk, Ambassador of the Federal



Republic of Germany to the Slovak Republic and his wife and the Honorary Consul of the Federal Republic of Germany in Košice, Prof. Dr. Juraj Banský. The parties discussed the current state of cooperation in terms of its success, while having paid great attention to other development plans of this University.

- On 31/01/2013, possibilities of cooperation between UPJŠ and universities in the Republic of Korea were discussed. The UPJŠ Vice-Rector for International Relations and the University Library Directress welcomed in the Rectorate premises the Counselor of the Korean Ambassador, Ms. Soon-dong KIM and her two Korean colleagues. The foreign visitors also took a tour of the University Library and subsequently they handed over a book gift dedicated to the University Library by the Republic of Korea Embassy in Slovakia. The University Library resources extended in 29 monographs and 6 DVDs in the field of Korean history, culture, and philosophy. Included within the gift is a collection devoted to Buddhism, but also a cookery book. All of the books are in English.
- On 26/09/2013 representatives of universities in Lodz and Chernivtsi visited our Alma Mater. The Ukrainian J. Fedkovitch National State University was represented by its Rector, D.Sc. Prof. Stepan Vasilievich Melnychuk and the Vice-Rector for Economic Affairs, Ms. Silvia Heorhiivna Marut. The Polish University in Lodz was represented by its Rector, Prof. Włodzimierz Nykiel, Ph.D. and Dr. hab. Krzysztof Skotnicki. The parties discussed the issues of further possibilities of cooperation.

- On 06/03/2013, a meeting was held at UPJŠ on the occasion of making a Memorandum of Understanding between UPJŠ and the Swiss-based company DCore Systems SA, represented by Mr. Serge Cantacuzene-Speransky, CEO and Robert Harakaly, CTO. Within contractual cooperation, this University has obtained, among other things, both hardware and software for the data storage operation.
- UPJŠ and Bar-Ilan University in Israel, represented by its Rector, Prof. Haim Taitelbaum, made a Cooperation Agreement. On 29/05/2013, the UPJŠ Rector welcomed the Dean of the Faculty Medicine at Bar-Ilan University, Prof. Tur Kaspas. Medical faculties of both of the parties to the Agreement shall develop cooperation in the field of medical research and continuing education, as well as promote student internships.
- UPJŠ and Kharkov State University of Food Technology and Trade, represented by its Vice-Rector for International Relations, Andrey Foshchan, signed on 25/04/2013 a Memorandum of Cooperation. By making the agreement they thus opened the possibility of mutual exchange of the teaching, research and other staff and the students. Cooperation shall include organizing summer schools, workshops, conferences, and the like.
- On 26/03/2013, a meeting was held at the UPJŠ Rectorate with Ms. Cynthia Carr, the Fulbright Commission expert of the University of California, Riverside, whose visit was prepared by Slovak Rectors' Conference, which also participated in its funding. They discussed the possibility of cooperation with US universities, in particular under the Fulbright Specialists programme and also talked about the importance of contacts with alumni through Alumni Clubs. This visit included a tour of the premises of the Faculty of Arts building "Aristotle" and the building of the "Gutenberg" University Library.

- On 22/03/2013, a group of 30 students and two Professors from the University of Cergy Pontoise in Paris visited UPJŠ. Both students and teachers of the study programme of European Studies and International Relations were introduced the SAIA activities and comprehensive information on international cooperation among both departments and individuals at UPJŠ not only in science and research, but also as to its impact on the study area.
- The International Education Fair in Krakow, one of the major ventures of this kind in Poland, was for the first time attended by UPJŠ. The venture organizers welcomed exhibitors from universities in Poland, the Netherlands, Germany, Belgium, Luxembourg, and Ukraine. The opening ceremony, attended by nearly 15,000 visitors, took place on 21/03/2013. The Consul General, Mr. Marek Lisánsky, who is particularly interested in our continuing successful cooperation with Jagiellonian University, paid his visit to our stand.





- The International Education Fair in Moscow, held on 07/11/2013, welcomed nearly 40,000 visitors, of whom more than one-third expressed their interest in studying abroad. This University was among the exhibitors for the first time at this venture and by its active representation became part of nearly 500 exhibition stands from around the world. Pavol Jozef Šafárik University in Košice was represented at that fair held on 7<sup>th</sup>-9<sup>th</sup> November 2013 by the UPJŠ Chancellor and one of the desk officers for international relations at the rector's Office.
- The AKADÉMIA & VAPAC, the 17<sup>th</sup> International Fair of Study and Career, was held on 8<sup>th</sup>-10<sup>th</sup> October 2013 under the auspices M. Šefčovič, the European Commission Vice-President, and D. Čaplovič, the Minister of Education, Science, Research, and Sport of the Slovak Republic. UPJŠ actively presented itself at the fair alongside with the Slovak and international universities, educational institutions, and employers' organizations. The fair presented 221 exhibitors - educational institutions and employers of the Slovak Republic, the Czech Republic, Cyprus, Denmark, the Netherlands, Hungary, France, Austria, Spain, Switzerland, and the USA. The venture was attended by 9,473 students from all the regions of Slovakia (grammar schools - 76.4%, secondary vocational schools - 23.6%).
- Science Festival - Researchers' Night in the year 2013 bore the motto "Science Is a Miracle." Under the auspices of the Slovak Organization for Research and Development Activities (SOVVA) and other partners, the 27<sup>th</sup> September became a day full of interesting lectures, dialogues and interesting presentations at scientific stands in several Slovak cities. In the Košice shopping centre Optima, among others, personalities from UPJŠ also presented themselves, whose activities uncover the secrets of science and offered to the general public a convincing picture of science as a miracle.

- On 04/10/2013, UPJŠ held its Open Day organized in collaboration with the Department of Education of the Košice self-governing regional authority. The official programme started in the Socrates building, where students were welcomed by the Rector and Vice-Rector for Higher Education and Information Technology. Subsequently, the visitors at the stands of the Institute of Physical Education and Sports and individual Faculties of UPJŠ could meet with their representatives and learn more about the possibilities of study, admission procedure, and important dates. The programme also contained interesting presentations explaining the activities of the University and its Faculties. After the official programme, the secondary-school students moved in the premises of individual Faculties, where they learned more details on their activities, work, study programmes, and the study itself. Over a thousand secondary-school students from all over Eastern Slovakia availed themselves of the opportunity to become familiar with the university milieu.
- The folklore ensemble Hornád, which has been a specific-purpose unit of UPJŠ as of March 2011, celebrated its fiftieth anniversary of its foundation in the year 2013. The ensemble has been organizer and co-organizer of many ventures for staff and students of the University, as well as for the public, it engaged in extracurricular activities for children and young people, presented itself at folklore festivals and commercial events. Presentation of the debut CD took place in December 2013, the main event – the entertainment evening at the 50<sup>th</sup> anniversary of the folklore ensemble Hornád - took place in early 2014.
- The Physical Education Association Slávia UPJŠ celebrated its 50<sup>th</sup> anniversary at the end of the year 2013. This solemn anniversary meeting was attended by the UPJŠ Rector, the General Secretary of Slovak University Sports Association (SUSA), the Deputy Mayor of Košice, notable figures of university sports in Košice, as well as former officials, coaches, athletes, and representatives of various divisions and clubs.





## HIGHER EDUCATION

### Study programmes provided

The UPJŠ main priority at present is to ensure learning at all parts of the University, so that it is supported by high-quality scientific research and the team of erudite teachers who lecture on the results of their own scientific research. He University and its parts exert their best efforts to make the students available the top experimental instrumentation technology, the latest information and communication technologies as well as innovative methods of education during the educational process.

As on the 1<sup>st</sup> September 2013, this University offered a degree in 217 accredited 1<sup>st</sup> and 2<sup>nd</sup> level study programmes, the associated 1<sup>st</sup> and 2<sup>nd</sup> levels, and at the 3<sup>rd</sup> level. The structure of the accredited degree programmes under the relevant study levels was as follows:

- 109 programmes at the first level of study
- 66 programmes at the second level and at the associated first and second levels
- 42 programmes at the third level.

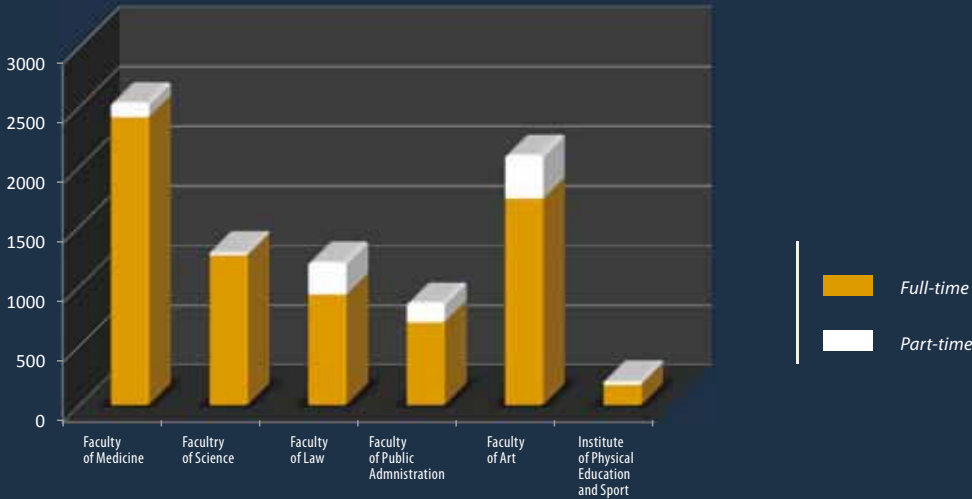
Regarding the total number of study programmes, their number may be considered stabilized in the context of the previous period. Only minor up-and-down fluctuations in the number of study programmes at individual Faculties were observed in view of the strategic goals and the developmental stage at which these faculties found themselves. The most interesting innovations, which the students entered for the first time, include the bachelor’s degree programme “English Language and French Language for European Institutions and Economy” in the field of study 2.1.35 at the Faculty of Arts, Applied Information Technology at the Faculty of Science, and Advanced Materials in the PhD study of Physics at the Faculty of Science.

In terms of development of individual Faculties and UPJŠ, accreditation of the PhD programme Public Administration and Policy and the Magister’s degree program of European Public Administration at the Faculty of Public Administration are an important fact. Overall, we may say that this University did not lay emphasis in the past year on extending the offer of study programmes, rather it accentuated their modernization, improvement, and high compatibility with the requirements of practice.

### Structure of students

As on 31st October 2013, the total of 8,138 students studied the UPJŠ in all forms and at all levels of education, of whom 7,188 in the full-time form of study and 950 students in the part-time form of study.

Structure of the number of students at UPJŠ according to Faculties



The largest number of students studied at the Faculty of Medicine and the Faculty of Arts. All the Faculties were clearly dominated by the number of full-time students versus part-time students.

Changes in the numbers of students at UPJŠ in the years 2008 - 2013





The total number of students at the University up to the academic year 2010/2011 was growing annually mainly due to the finalization of the structure of the Faculty of Arts, which had the biggest share in that growth. The number of students in other Faculties have basically been stabilized, and it was just their structure that was slightly changing. In the last two years we have seen a slight decline in the number of students mainly due to decline in part-time students and attenuation of non-medical study programmes at the Faculty of Medicine.

In terms of quality of education, what one may recognize as a positive trait is a relatively low proportion of students in the part-time form of education and an ever increasing share of the third-level education students. Gratifying is also the development of international students, who in the year 2013 amounted to 10 per cent. It was especially the Faculty of Medicine that literally changed into a multinational community of both Slovak and international students, since in the 2013 academic year it registered 773 international students. These come from the EU, the non-EU countries, and from Africa. At the Faculty of Science and the Faculty of Arts, the annual number of foreign students has been between 10 and 20 students in recent years, and the Faculty of Law and the Faculty of Public Administration register 2-5 international students. The above figures do not relate to the number of international students under the LLP ERASMUS exchange programme.

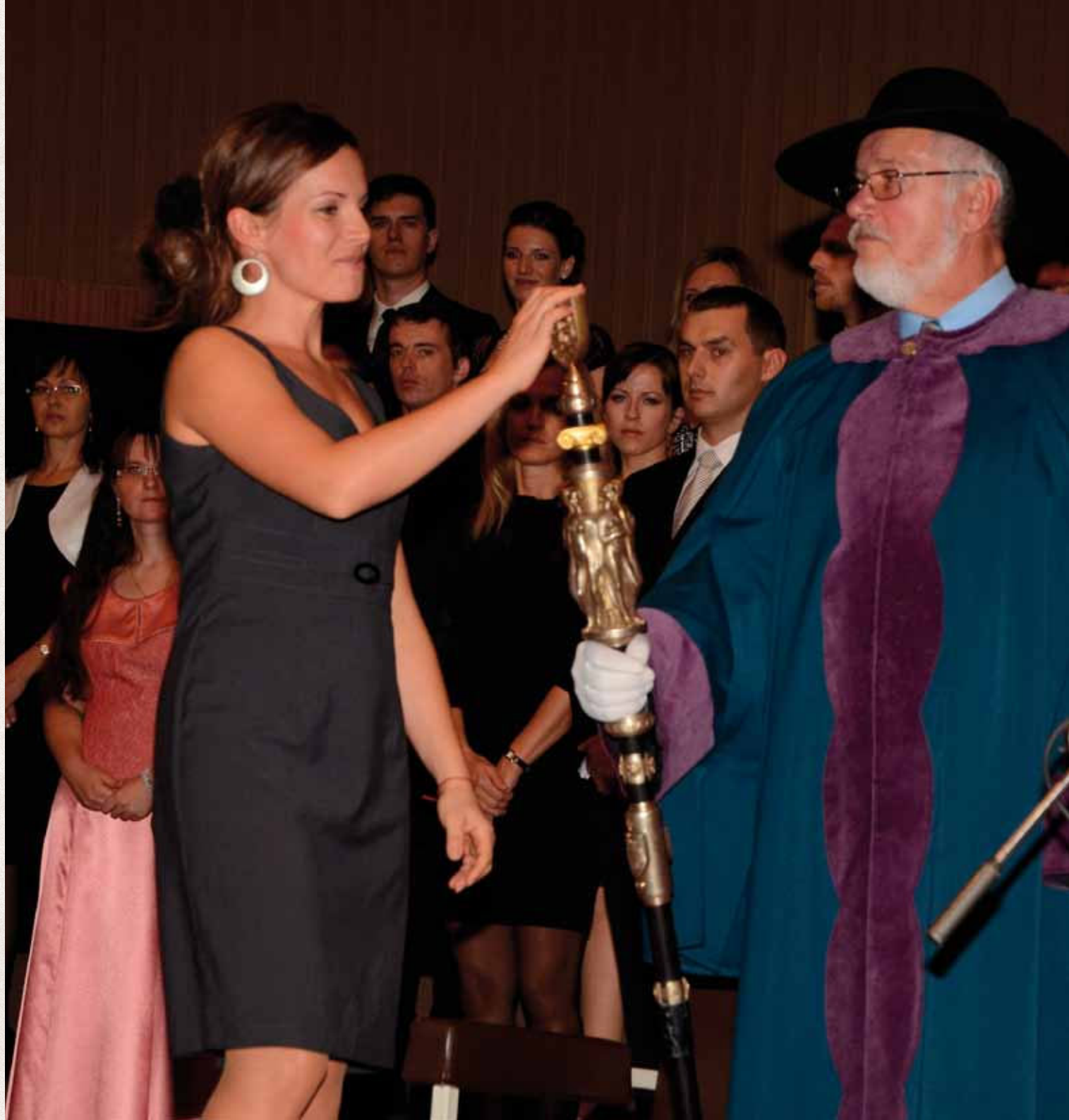
### Overview of academic mobility of students

International cooperation in the field of education is significantly enhanced by the mobility of students, which was implemented in the year 2013 under the Erasmus programme, under the National Scholarship Programme of the Slovak Republic, and under the Free Mover initiative. The numbers of incoming and outgoing students are given in Table 6. The students engaged in the Erasmus Student Network (ESN) were actively involved in ensuring the mobility of incoming students. In the year 2013, the Erasmus and the ESN students were being regularly engaged in the ESN Social Erasmus initiatives aimed at integrating international students into the local community.

In the year-on-year comparison, we have noted a steady interest in full-time education at the University due to an unchanging offer of degree courses, as illustrated by the following chart. The decline in interest in the latest academic year is due to a lower interest in part-time study.

### Graduates from higher education

2,552 students of all three levels of higher education duly completed their study in the academic year 2012/2013. There were 1,183 graduates from the first level, 1,257 from the second level and the associated first and second levels, and 112 of them from the third level.





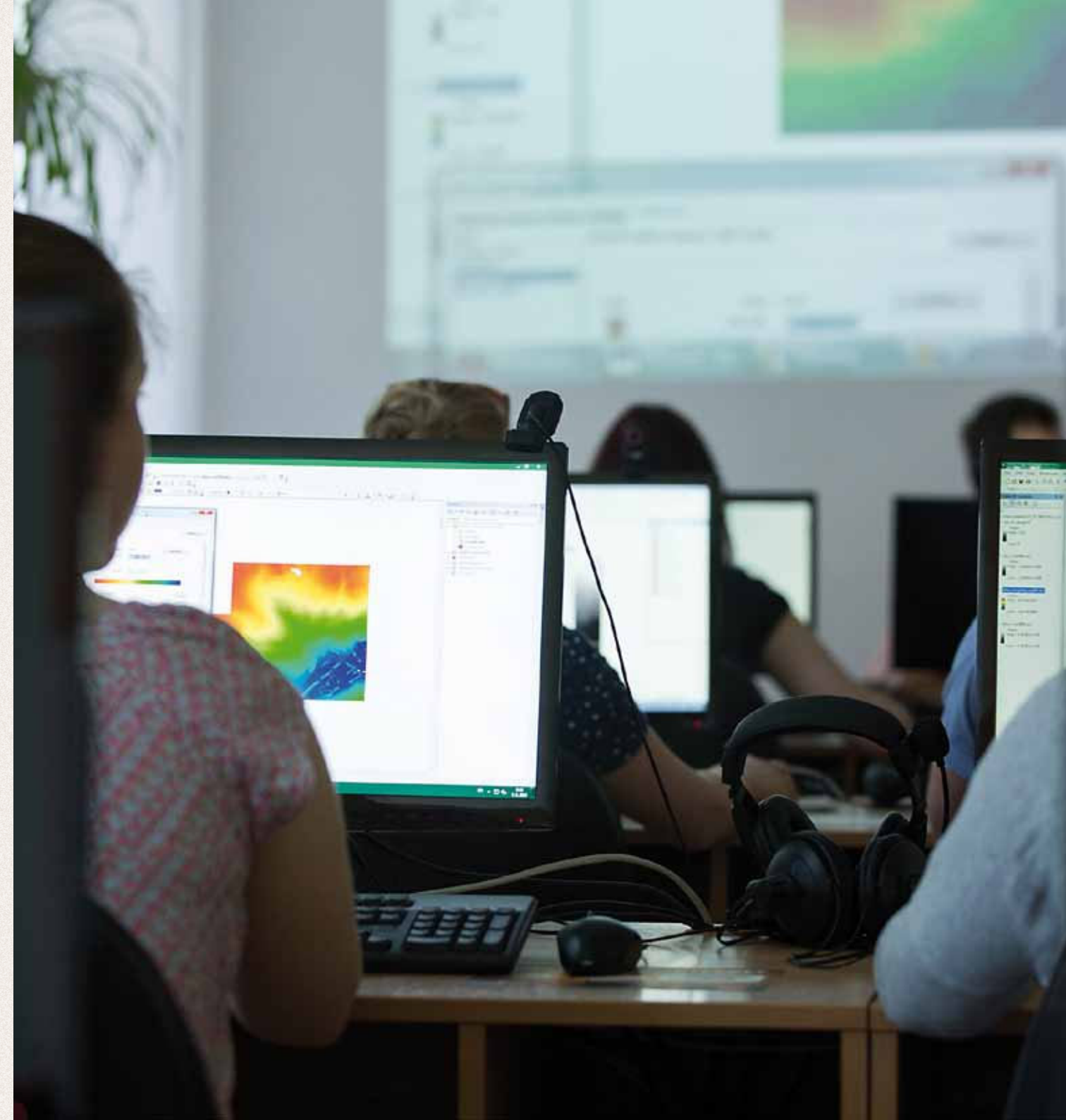
## INFORMATION REGARDING THE PROVISION OF FURTHER EDUCATION

Although the main activities in the field of education in the academic year 2012/13 were naturally represented by providing degree programmes at the first to third levels, UPJŠ offered and provided education in lifelong learning, too. Active participation of this University in the consortium of universities providing for the Third Age University education has been a traditional and long-standing activity in this context. All the Faculties have traditionally been implementing doctoral proceedings, while specialized study represents an important component of lifelong learning at the Faculty of Medicine. However, the UPJŠ Faculty of Science has remained a leader also in continuing education in the past academic year through its Centre of Life-long Education (CLE), which implemented a wide range of commercial and non-commercial activities for both graduates and the public. The CLE participated in preparing the organization and content of two national projects: “Modernization of Education at Primary Schools” and “Modernization of Education at Secondary Schools”.

In addition to education, the learning activities have been primarily focused on the implementation of the final gatherings, degree theses defences, and final examinations. 920 elementary and secondary school teachers from all over Slovakia completed their continuing education within the national projects at the UPJŠ Faculty of Science in the year 2013. Other educational activities of the CLE include further education, continuing education, and attestation examinations of the teaching staff. The CLE is also in charge of preparing the accreditation files in further and continuing education. As part of further education, the Faculty offers 76 educational programmes, 21 educational programmes (updating and innovation education) in continuing education, and 2 educational programmes (updating - preparatory attestation education). In the year 2013, altogether 75 primary and secondary school teachers were being trained within continuing education in 9 educational

programmes of updating and innovative education, 57 teachers went through updating preparatory attestation education for passing the first and the second attestation, and altogether 17 teachers passed the first or the second attestation in science teaching subjects, information systems, and mathematics (10 teachers as their first attestation and 7 teachers their second attestation).

The most important commercial activities of the CLE include implementation of training sessions for the Ministry of Finance of the Slovak Republic for the needs of the Treasury. 1,489 public administration employees attended 7 different training courses in the year 2013. The T-Systems company is a strong partner for UPJŠ in education activities. In the year 2013, the CLE provided lectures in some of the courses within the Summer University and Evening University. Part of the cooperation also included renting classrooms for the needs of the T-Systems. In the year 2013, the CLE continued in developing the design and implementation of educational activities within the IT Valley Academy. In summer, the CCV, in cooperation with the Prírodovedec (Nature Scientist) civic association and the Košice IT Valley through the IT Valley Academy, organized a Day IT Camp with a focus on programming (2 turns) for the total of 44 primary school pupils: “Get the Robots Move” and “Playful Programming”. In June, the ECDL testing centre was re-accredited, in which the interested persons will have the opportunity to gain an international certificate (ECDL Base, ECDL (Standard), ECDL Profile). The CLE has provided consulting services in the implementation of demand-driven projects for primary and secondary schools. The Faculty of Arts provided the accredited educational programmes in the methods of socio-psychological training. Teachers of English significantly participated in the project of the postgraduate specialized education and qualifying primary school teacher education in the English language.





## INFORMATION ON RESEARCH

This University ranks among the institutions with a long tradition of scientific research that fulfills the mission of the University and is one of its priorities. The field lines of research are defined in UPJŠ Long-Term Strategy for the years 2011-2017, which was endorsed by the UPJŠ Academic Senate on 16/06/2011 after the preceding discussion at the UPJŠ Academic Board and the UPJŠ Board of Trustees.

Conclusions of the UPJŠ Long-Term Strategy for the years 2011 to 2017 are developed in long-term strategies of individual Faculties. The UPJŠ Long-Term Strategy and the long-term strategies of the Faculties are discussed at the relevant academic boards and approved by academic senates.

The basic form of the organization of research at UPJŠ and its components relies research teams organized by prominent scientific personalities who address research issues. Research teams cross the borders of institutes, faculties, and the University itself and the priority in creating them is a need for comprehensive addressing the issues studied and competence of the investigators. In addition to scientific activities, artistic activity is also realized at UPJŠ, its Faculty of Arts.

### Projects supported by national grant schemes

In the year 2013, UPJŠ addressed 181 projects funded by national grant schemes, of which 174 were research projects and 7 of them were other projects. In the year 2013, 83.5% of the UPJŠ creative employees (calculated number) were involved in addressing any project funded by national or international resources.

### Projects funded by international grant schemes

In the year 2013, 25 projects funded by international grant schemes were addressed:

The UPJŠ employees acquired in competitive forms the funds totaling to € 2,342 thousand for addressing international research projects and other international projects in the year 2013, out of which € 1,895 thousand to address international research projects. The average amount of funds received from international grants per creative employee of UPJŠ represents over € 2,845. Since the research made at UPJŠ as a classical university

is primarily basic, the main types of outputs of scientific work of creative employees at UPJŠ, depending on the research area, are publications, particularly in the form of monographs, papers in the monographs, or publications in journals registered in the WoS, Scopus and lately also ERIH databases. An important aspect is that the publication be published in the journal with the registered impact factor (IF) and the IF of the journal had a value greater than the value determined by the Accreditation Commission, i.e. that the work in question was of category A.

### Projects under the Research and Development Operational Programme

In the year 2013, research teams at UPJŠ, on several occasions as part of research consortia (with the support from the Project Administration Unit at the UPJŠ Rectorate) continued in addressing the projects under the Research and Development Operational Programme - under Measure 2.1: Support for Networks of Units of Excellence in Research and Development as Pillars of the







Regional Development and Support to Supra-regional Cooperation. Through structural funding, these projects significantly improved the equipment of UPJŠ research institutes in the field of research infrastructure, and will thus mean an important impetus for further development of scientific research and development at UPJŠ. A list of these projects and other information on these are contained in this report, in its Part X, “Development”.

**Projects acquired by competitive forms**

The UPJŠ employees acquired in competitive forms the funding to address research projects in the year 2013 from national resources in the total amount of € 1 983 thousand (under current expenditure), of which more than € 637 thousand for the VEGA projects, just over € 114 thousand per the KEGA and € 1121 thousand for the APVV projects. From addressing 5 projects under the APVV “Promoting Human Potential in Research and Development and Popularization of Science” (LPP), € 100 thousand were received in the year 2013; these projects were in the year 2013 included within the so-called research projects.

At the same time, the UPJŠ employees acquired in the year 2013 funds for capital expenditures, specifically € 54 thousand; the total amount of funds raised from national resources for addressing research projects in the year 2013 represents almost € 2,038 thousand. The average amount of funds acquired from national research projects per creative employee of UPJŠ is € 2,476. Bilateral cooperation of UPJŠ employees was supported by the APVV by the sum of € 9 thousand in 4 projects.

The University Library provides promotion of science and research at UPJŠ through access to traditional printed and electronic information resources, such as citation, bibliographic, and full-text databases. The library collection of the University Library in the year 2013 has grown by 2,334 library items (book units) purchased from grant funds of individual Faculties and University units. Compared to previous years (in the year 2012 1715 book units, in the year 2011 2,299 book units.) an increase was noted in tackling the projects under the Education operational programme. At the same time, the budgets of

the Faculties enabled to make purchases of national and foreign printed periodicals in the total of 230, the highest number of the periodicals (100) went to the Faculty of Medicine. Availability of scientific journals is provided primarily through access to databases of electronic information resources.

2013 was the last year of the national project of the National Information System Supporting R & D in Slovakia - Access to Electronic Information Resources (NISPEZ), within which UPJŠ has access to 13 databases (more details at <http://nispez.cvtisr.sk/>) by making use of the search portal <http://scientia.cvtisr.sk/>. It offers not only more comfortable search over several EIR, but also links to full-text articles and e-books.

**Use of achievements in research and practice and specialized research and development units and specialist arts units of the University**

In recent years, the tendency has begun at the University to apply research results. UPJŠ in the year 2013 established its subsidiary SAFTRA, s.r.o. with 100% ownership interest of UPJŠ to enable the implementation of innovation and ideas into practice, which in turn may give rise to formation of spin-off companies. UPJŠ in the year 2013 began to build or was involved in building three new research and development centres, specifically MEDIPARK (UPJŠ as the general partner, the partners are: UVLaF – University of Veterinary Medicine and Pharmacy in Košice, NBU SAV – Neurobiological Institute of the Slovak Academy of Sciences, TU KE), PROMATECH (the general partner is SAS, UPJŠ is a partner), and TECHNICOM (TUKE as the general partner, UPJŠ as a partner). In the year 2013 the Department for the Transfer of Research Results and Know-how Into Practice (UPT) was set up at the UPJŠ Rectorate. The motivation for its establishment was the fact that the application of knowledge in the form of innovation are among basic factors promoting social and economic development of society. The long term strategy of this section is to coordinate activities leading to commercialization of intellectual property and know-how arising at UPJŠ in Košice.





Cooperation with commercial companies in the field of ICT means a positive contribution in the field of technology transfer. Cooperation is organized in association the Košice IT Valley, as well as on the basis of bilateral agreements. Joint activities are the basis of pilot projects being implemented under the – The Technicom University Science Park project. The companies IBM Slovakia, Ness KDC-Siemens PSE, RWE IT, T-Systems, and VSL Software are involved in teaching elective subjects, software projects, degree theses, and summer schools for students. Along with the companies DISIG, Hewlett-Packard, Rasax, Dcore Systems, they are involved in other activities, such as awarding the IT companies award within the Student Research Conference at the Faculty of Science. Cooperation with the company VSL Software, a.s. especially in the field of software development methodology is implemented by the Institute of Informatics at the Faculty of Science in the CeZIS project (Centre of Knowledge and Information Systems in Košice (CeZIS) - ITMS code 26220220158. The company VSL Software also cooperates with the Centre for

Applied Informatics in the development of the Academic Information System AiS2 and related projects within the CeZIS project. Last year cooperation started with Novitech in the development of systems for intelligent traffic management.

The Development Department of the Academic Information System at the Centre of Applied Informatics is a specialized department of the Faculty of Science, which in the year 2013 continued in the development and implementation of the Academic Information System AiS2. This system has now been successfully implemented at 13 Slovak public universities.

#### Internal Grant Scheme

The so-called Internal Scientific Grant System of Pavol Jozef Šafárik University in Košice has been introduced since 2004 for young university teachers, researchers and PhD students in full-time study (VVGS) at UPJŠ to improve the education of PhD students and young

researchers and teaching staff. In the year 2013, the research within 25 VVGS projects was completed from the 6<sup>th</sup> Call, for which funding was allocated in the year 2013 of € 9,931. From 01/07/2013, addressing 26 approved VVGS projects began of the 7<sup>th</sup> Call for grant applications. The total amount of funds allocated to VVGS projects beginning in the year 2013 amounted to € 10,000.

In the year 2011, legislation conditions were created for the establishment of postdoctoral positions at UPJŠ. Following this possibility, a call was launched in the year 2013 to fill these postdoctoral vacancies. In the competition procedure, six post-PhD positions were taken, of which two were from abroad (Ukraine, India), and one position was taken by a candidate who passed her PhD study at the University of Groningen.

#### Publications

In the year 2013, the UPJŠ staff published 2,606 publication outputs. This number of registered output

corresponds with the status of 31/03/2014 and is comparable to the number of outputs published in the year 2010 (2,262 publication outputs) and in the year 2011 (2,395 publication outputs) and the year 2012 (2,785 publication outputs). The structure of scientific papers published in the year 2013 is shown in Table 13 in the Statistical Annex to this report. Every creative employee published in the assessed period 3.2 works or 0.34 works in a CC journal.

The research focus of UPJŠ is evidenced by the fact that the University employees published in the reported period of the year 2013 published 281 works in peer-reviewed CC journals according to the records of the CRPA database, representing 13% of all the works published in peer-reviewed CC journals from among the universities in the Slovak Republic (2,227) and registered in the CRPA system. It is useful to note that the UPJŠ proportion of the total number of students of public universities in Slovakia represents only 5%.



# STAFF

In accordance with the UPJŠ Long-Term Strategy for the years 2011 to 2017, the organization and management continued in purposeful integration of academic, economic and administrative and other related activities at the University. To ensure the stability of the University, emphasis was laid on creating an effective organizational structure with a view of the success of the organization in the next comprehensive accreditation.

The basic assumption was to create conditions for staff development for all the employees, as well as adequate social-welfare conditions for both staff and students. It was necessary to observe the internal wage regulation in such a way as to evaluate the quality of employee in the work and implement it in the variable component of one’s status salary.

Achieving continuous qualified personnel background of individual departments was in the human resource development aimed at improving the qualification structure and creating the conditions for personal development of young scientists. The aim remains to morally and financially motivate the creative staff of the University to improved performance on the principle of transparency and deserved justice.

UPJŠ employed 1,378.1 staff in the year 2013 in the calculated number. In comparison to the previous period, an increase was noted in the year 2013 compared to the year 2012 by 30.3 staff, specifically by 9.2 in the category of “university teachers”, by 8.4 employees in the category of “research staff”, and an increase of 12.7 employees in the category of “other employees”.

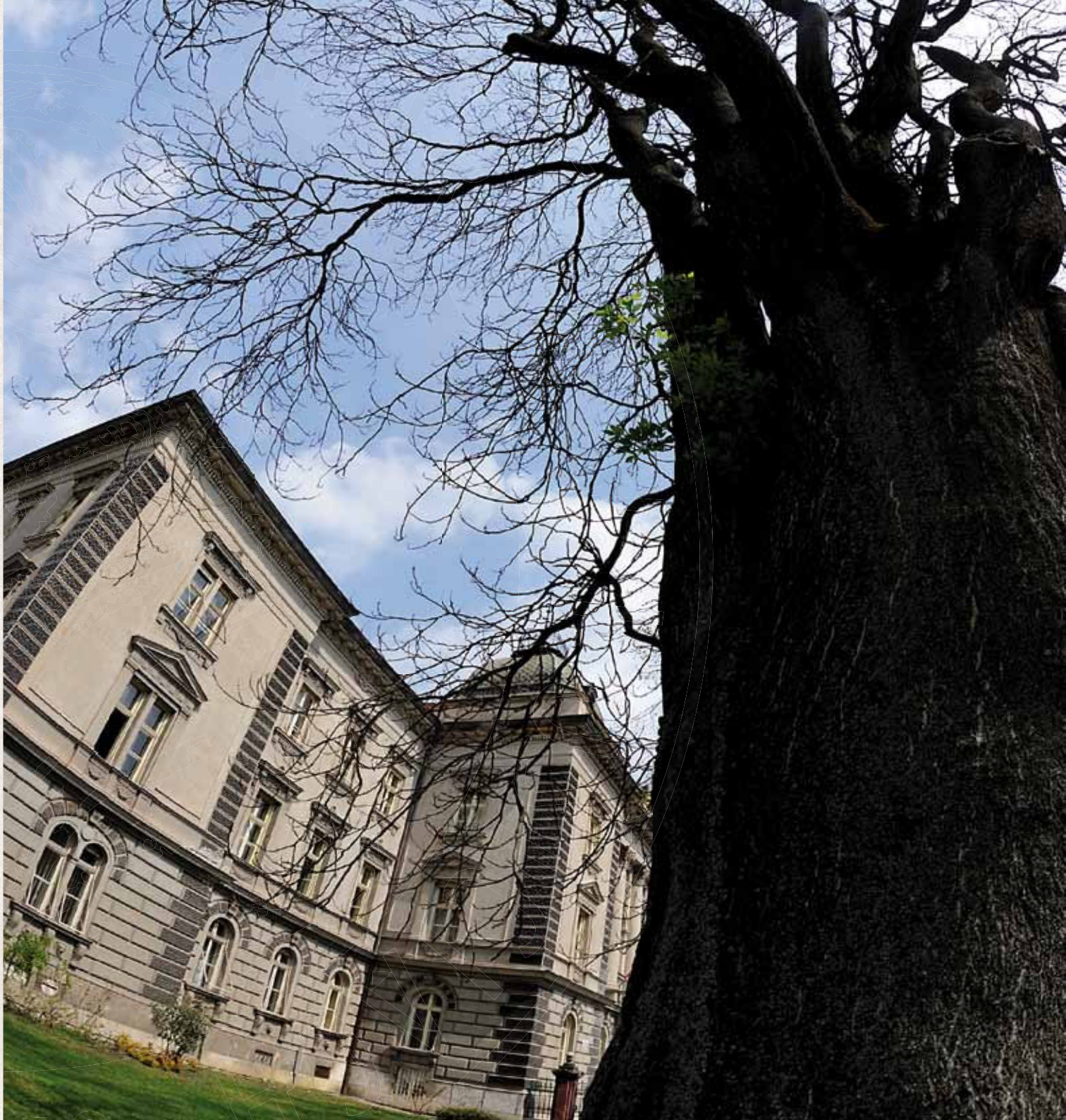
Number of employees in physical persons as on 31/12/2013: 1,501 employees.

## Age structure of UPJŠ employees:

younger than 30 years	151 employees
younger than 40 years	392 employees
younger than 50 years	363 employees
younger than 60 years	424 employees
younger than 65 years	127 employees
older than 65 years	44 employees

## Qualification structure

In the year 2013, there were a total of 823 creative employees employed at UPJŠ, of whom 693 were teachers and 130 researchers.





## SUPPORT TO STUDENTS

Support to students at UPJŠ concerned mainly three broad areas: social-welfare support to students, support to the study, and support to association and extra-curricular activities.

Thanks to the acquisition and use of resources resulting from addressing the projects from the EU structural funds (especially from the ICT modernization project), the situation in availability of modern didactic technology at all of the University Faculties may be deemed favourable. Individual workplaces have adequately technically supported specialist classrooms at their disposal (classrooms for teaching IT courses, those for language learning, and the implementation of legal clinics, laboratories, exercise auditoriums, etc.). Outdated computers were partially replaced, and virtually almost every standard classroom (seminar and lecture rooms) are equipped with data projectors. In several of them there are interactive whiteboards available, as well as modern teaching technology. The UPJŠ Centre of Information and Communication Technologies (CICT) and other computer science departments at the Faculties maintain computer network quality in order to ensure the required quality of access to electronic information resources and the Internet communication. Wifi coverage is becoming commonplace not only in teaching premises, but also in student dormitories and canteens (SDC - ŠDaJ). An important prerequisite for the quality of these services is the centralization of servers in the premises of the Rectorate and their central administration by the CICT staff. The University intends to support this process so that the servers and storage arrays are put to efficient use to all those who are in need of these services and eliminate duplicate purchases of this infrastructure.

The UPJŠ University Library (UL) provided in the year 2013 library and information services through its offices at individual Faculties of the University: the Medical Library, Science Library, Law Library, Library of the Faculty of Public Administration, Philosophical Library. Recently, the UL managed to modernize many of those departments. The Austrian Library is also part of the UL that made culture, history, and geography of Austria available to the general public, as well as the European Documentation Centre, which is part of the Europe Direct information network, established by the European Commission. An important part of the support to study was the publishing of academic sources authored by the University staff. In the year 2013, over seventy titles were included within the editing programme and published.

The support to study clearly includes the services provided by the UPJŠ Student Dormitories and Canteens (SDC - ŠDaJ). UPJŠ had in the year 2013 accommodation available for students in the number of 1,760 accommodation places in its own and rented accommodation establishments and other 650 beds in accommodation facilities of two external contractors. The conditions and methods of allocating the places to applicants are explicitly and transparently governed by the Residential and Accommodation Schedules of UPJŠ. According to that plan, the entire accommodation capacity has been divided among the University students regardless of what degree programme and at which Faculty they study.

A number of student clubs and organizations of different orientation and focus operated at the University in the year 2013. From among several of them, one may mention the Medical Students Guild of Košice and ELSA, the local organization of the European Law Students' Association. Students of the Faculty of Arts issue their student

magazine Univerzál, students of the Faculty of Science publish the PRÍMES (Admixture) magazine blemishes and organize annual Days of Natural Sciences. The dormitories at Medická street have successfully broadcasted a student dormitory broadcast ŠtuRKO. The Student Boarding Council consisting of representatives of the students from all the Faculties in collaboration with the management of Student Dormitories are actively involved in drawing up the waiting lists of applicants for accommodation and running the life in student dormitories.

The UPJŠ “UNIPOC” University Counseling Centre launched its performance on 01/10/2013. UNIPOC is

a workplace that provides advice through mandated employees - “specialists” - from specialized departments and institutes of the Faculties or University departments. The role of UNIPOC specialists is to render special services to all the students, including those with special needs in the following areas:

- a) legal advice,
- b) psychological counseling,
- c) social-welfare counseling,
- d) IT consulting for students with special needs,
- e) library and lending services for students with special needs.





## UNIVERSITY LIBRARY

The UPJŠ University Library (UK) as a university department is involved in the information provision of teaching and research activities of both staff and students of the University, creating the conditions to support the educational process and a stimulating milieu for its users. The UL recorded 7,399 users in the year 2013, to whom it provided, among other things, a new-look interior environment at the workplaces of the Medical Library, the Library at the Faculty of Public Administration, the Law Library, and a reading room in the Library of Natural Sciences at Park Angelinum street in Košice.

By carrying out its activities in the library, information and cultural forms, the UL is involved in the educational process of its users. Their aim was to increase information literacy of users, which is to lead to an individual orientation in seeking relevant information, their evaluation and proper use from the available professional internal and external information resources.

The UL attained these goals through information education courses for students in their 1st year of study, as well as for the higher level students as required by the

Faculties (the Faculty of Arts and the Faculty of Public Administration), training in electronic databases in cooperation with their suppliers, exhibitions, seminars to obtain scholarships in partnership with the SAIA, a non-profit organization. The UL prepared in this way 81 ventures for users and 6 professional seminars for its own employees. Webinars have become a new well-tested online mode of education.

Support to science and research at the University is provided by the UL through access to information resources - traditional print and electronic ones (citation, bibliographic, full-text databases).

The UL, being a University department, has a special mission – it is a bibliographic, coordinating, and advisory workplace of the University, which guarantees the publications records and responses to the same. The UL also serves as a contact point between the University and the Central Register of Publications and the Central Register of Artistic Activity, the administrator of which is the Ministry of Education, Science, Research, and Sport of the Slovak Republic.



## CENTRE OF INFORMATION AND COMMUNICATION TECHNOLOGIES

The Centre of Information and Communication Technologies (CICT) fulfilled in the year 2013 the priority tasks of University in the development of ICT in three sections:

### SECTION OF INFORMATION SYSTEMS

Its main objective was the sustainable operation and development of systems. In the year 2013, several changes were implemented. Of these, we may mention in particular the introduction of the ESS portal, which features a modern user interface and is an essential platform for including a large number of additional services and information. It uses modern environment limited Internet browsers and user experience of working with the Internet. UPJŠ uses electronic paycheck without the client VPN.

### SECTION OF COMPUTER NETWORKS

Upgrade of the systems also took place, associated with the introduction of the new chip media type Mifare Desfire EV1. Specifically, these were access, attendance systems, catering and information systems in the report of this workplace. Following the long-term conceptual trend in the development of ICT at UPJŠ, in the year 2013 continued the virtualization of network services and increasing the efficiency in the operation of disk arrays. In order to increase the efficiency of virtualization environment, capacity was expanded in November 2013 of operational memory to servers providing virtualization at 464 gigabytes of RAM.

### SECTION OF LOCAL SUPPORT

In the year 2013, redistribution of the running information networks was made administered by the Section of Local Support in cooperation with the Section of Computer Networks, i.e. especially those systems that are on the MS Windows platform, of which especially the catering system was implemented completely anew.





## BOTANICAL GARDEN

Editing the scientific journal THAISZIA, Journal of Botany – in the year 2013, the 23<sup>rd</sup> annual volume was published in two issues. The journal is registered by the SCOPUS database. 300 new entries of scientific periodicals were added to the library collection within the journal exchange.

The Botanical Garden held several thematic exhibitions and events in culture and education:

- *The exhibition of Orchids, “Orchid Gems in the Realm of Plants”* – 15/02-03/03/2013
- *The exhibition, “The Stone Herbarium”* – 15/03-01/04/2013
- *The exhibition “Cacti and Succulents - Aching Beauty of Plants”* – 19/04-01/05/2013
- *Open Door Days* – 10 – 11/05/2013
- *Bonsai (the national exhibition of the SR)* – 17/05-19/05/2013

- *The exhibition “Butterflies of Exotic tropics”* – 17/05-30/06/2013
- *Medicinal Plants* – 05/07-21/07/2013
- *In Search of Muses in the Botanical Garden* – 11,18, 25/08/2013
- *Citruses and Palms* – 28/08-01/09/2013
- *The exhibition “Autumn Fruits”* – 16/09-03/10/2013
- *Open Door Days* – 11/10-12/10/2013
- *The exhibition “Beekeeping”* – 25/10-10/11/2013
- *Plants in the Kitchen 2013*
- *Juniáles* – 14/06/2013
- *Gurman Fest* – 21/06-23/06/2013

In the year 2013, about 52 thousand visitors visited the Botanical Garden, of whom 38,665 paying ones. During the year, club members of Bonsai, Cacti, Citrus, Beekeepers were working actively. The apiculture trail started to be built as a do-it-yourself project, which after its completion will be part of the exposition.



## STUDENT DORMITORIES AND CANTEENS

Accommodation of students at the Faculties of the University was in the reviewed period made in four blocks at Medická No. 4 and 6, on the Popradská No. 66 and 76. The accommodation capacity is 1,455, at the Popradská No. 66 a total of 155 persons and at Popradská No. 76 altogether 205 persons. The total accommodation capacity of the student dormitories is 1,815 beds.

In the year 2013, 1,813 students were accommodated. Out of them 1,455 students are accommodated at Medická No. 4, 155 students at Popradská No. 66, and 203 students at Popradská 76. Accommodation price in the year 2013 did not change.

Freshmen students at UPJŠ are not placed in the UPJŠ dormitories for reasons of capacity. We provide accommodation with our contractual partners. In the year 2013, it was the Student Hostel of the Technical University in Košice at Jedlíková No. 5 and 13, where 150 first grade students are accommodated. Another contractor is the company with Palmer s.r.o. In the operation sites of this company at Kysucká 16 and at Pražská No. 2 550 first-year students were accommodated in the year 2013, and 250 of our students from other grades.

Food preparation is carried out in the kitchens at Medická 4 and in the Medical Faculty buffet. In the year 2013, 175,058 meals were given out, which is 26,240 more meals than in the year 2012.

## INSTITUTE OF PHYSICAL EDUCATION AND SPORT

The Institute of Physical Education and Sport organized in the year 2013 a number of different activities:

- in collaboration with the physical-education association TJ Slávia UPJŠ, it organized the event “Sport for All”;
- a seminar for students and teachers of IPES on the topics: Efficacy of Physical Activities in Leisure Time for Correcting Behavioral Disturbances with Pupils of Younger School Age, Importance of Motional Actions for Correction of Hyperkinetic Children of Younger School

Age in the Interest Physical Education, Importance of Winter Seasonal Activities for Correction of Behavioral Problems of Children of Younger School Age;

- Student Scientific Conference, in which the first prize went to the student in Sports Humanities.

### University competitions in Slovakia

- Finals of universities in women's basketball – 1<sup>st</sup> place
- Finals of universities in men floorball – 2<sup>nd</sup> place



## DEVELOPMENT

The Pavol Jozef Šafárik University in Košice management has defined eight priorities (lines) of major importance in its development strategy for the years 2011 to 2017.

### The field of higher education

In the year 2013, there were 8 EU structural funds projects implemented at UPJŠ from the European Social Fund in the Operational Programme Education, in the priority axis Reform of Education and Training (Measure 1.2. Higher Education Establishments and Research and Development as Engines of Development of the Knowledge Society). The total amount of grants in these projects amounts to € 10,041,527.60.

- KVARĽ – Quality of education and development of competence of PhD and post-PhD students at UPJŠ
- IRES - Innovation for the Knowledge Society
- SOFOS – Development of knowledge and skills of staff and students of UPJŠ with the emphasis on inter-disciplinary competences and integration into international research centres
- RIFIV – Development of innovative forms of education and the promotion of interdisciplinary studies at Pavol Jozef Šafárik University of in Košice
- Modern and interactive learning at UPJŠ
- Modern public administration – Creation and innovation of study programmes of the UPJŠ Faculty of Public Administration (MoVeS)
- Modernisation of PhD study programmes in Sciences and Humanities at UPJŠ (DOCTORAND)

### The field of science, research, innovation and artistic activities

In the year 2013, there were 21 projects from the European Regional Development Fund, Operational Programme

Research and Development (priority axis Supporting Research and Development) (Table 3), implemented at UPJŠ. The total amount of grants in these projects amounts to € 82,654,269.45.

- Infrastructure development in the centre of excellence (SEPO – II)
- Centre of Excellence for Research on the Determinants of health, with a focus on the group of marginalized and immunocompromised persons (CEMI)
- Centre of Excellence for Biomedical Technologies (CEBT)
- Centre of Excellence for Electromagnetic Fields in Medicine – CEEPM
- Centre of Excellence for Research on Atherosclerosis (CEVA – II)
- Development of Optical Nanosensors for Multicomponent Analysis of Trace Amounts of Pollutants to the Environment and Medical Drugs (NanoBioSens)
- Centre of Excellence for Neuroregeneration Research (NEUREG)
- Extrem – Completing the Centre of Advanced Physical Studies of Materials Under Extreme Conditions (EXTREM – II)
- Upgrade and Expansion of ICT in Education and the Construction of Multi-functional Building of Auditoriums at UPJŠ in Košice
- Centre for Space Research: Space Weather Influences – (second stage CKV I)
- NanoCEXmat II. – Building the infrastructure Centre of the Centre of Excellence of Advanced Materials with Nano- and Submicron Structures
- MIKROMATEL – Advanced Technology training of Preparing of Microkomposite Materials for Electronics.
- Competence Centre for Biomodulators and Nutritional Supplements (PROBIOTECH)

- Tfaktor – Innovation of the Technological Process of Preparing the Immunomodulating Transfer Factor, Verification of its Efficacy, Safety, and Composition
- Research Centre for Innovative Therapeutic Approaches in Molecular Medicine (MOLMED)
- Building a Magnetic Resonance Laboratory for Cardiovascular Research (MRKAR-DIO)
- Research Centre of Advanced Technologies for Monitoring and Diagnosis of Diseases Threatening Public Health (VERZDAV)
- CeZIS – Centre for Knowledge and Information Systems
- MEDIPARK – Medical University Science Park
- Research Centre of Advanced Materials and Technologies for Current and Future Applications (PROMATECH)
- University Science Park TECHNICOM for Innovative Applications with the Support of Knowledge Technologies

### The field of organization and management

#### Investment and development plans

In the year 2013, “Construction works of laboratories of the Institute of Experimental Medicine, Faculty of Medicine at Tr. SNP 1 in Košice” were implemented within the project: Competence Centre for Biomodulators and Nutritional Supplements (PROBIOTECH). The total investment amount was € 134, 244.00. After finishing the building renovation, the laboratory premises were repaired and upgraded in order to improve the facilities, restoration of operational quality, functional and performance properties of laboratories for the needs of current and future use for the purposes of scientific research and experimental medicine at the modern standard level.

In the year 2013, reconstruction work started in the building at Park Angelinum 9 within the project, “Research Centre of Advanced Materials and Technologies for Current and Future Applications (PROMATECH)” and reconstruction of historic buildings for the needs of the establishment of new laboratories and offices of the international-level research centre, which will conduct research into materials and technologies for current

and future applications. The cost of work represents the financial amount of € 2,056,444.80.

In the year 2013 the first phase began of the construction work for the building C in the area of UPJŠ Faculty of Arts at Moyzesova No. 9 in Košice. The total investment cost is € 360,261.00. After the reconstruction, renewal, and adaptation by construction work, the building in question will perform its new function with the change of purpose of use of the new object by a new use of different premises and will serve for UPJŠ as a building for leisure activities of students. Reconstruction is self-financed by the University and capital subsidies from the Ministry of Education, Science, research, and Sport.

### Reconstruction and repair of buildings

Reconstruction of buildings and premises in the category of capital expenditure that have been financed from the funds allocated by the Ministry of Education, Science, Research, and Sport of the Slovak Republic, from the funds of the non-repayable financial contribution from the EU funds and from our own funds, the property has been capitalized. It is mainly the following investment activities:

- implementation of lighting, railings for the building of theoretical institutes of the Faculty of Medicine at Trieda SNP 1,
- EXTRÉM II. – Refurbishment of premises of the nanotechnology laboratory and physical characterisation of materials, the laboratory of very low temperatures, and access roads to the relevant premises in the building P at Park Angelinum 9,
- implementation of partition in the Dean's Office premises and the building Socrates
- supply and installation of 8 pieces of lamps in the area at Moyzesova 9,
- implementation of fire radio link between the building Socrates and Aristotle in the area at Moyzesova 9,
- construction of the shelter in front of the UL – Gutenberg at Moyzesova 9,
- reconstruction of wiring - the first stage in the building of pavilion RBL of the Faculty of Science at Šrobárova 2,
- supply and installation of air conditioning for the auditorium M5 in the building of the pavilion RBL of the Faculty of Science.





In the year 2013, reconstruction was completed of the building object (F) in the area at Moyzesova street No. 9. The new premises have been renovated with the help of funds raised under the “Innovation and Expansion of ICT in Education and the Construction of Multi-purpose Building of Auditoriums at UPJŠ”. The total expenditure for the implementation of the project activities amounted to € 5,000,744.48, including the cost of the work of € 2,117,810.71. Inauguration of new educational buildings

of the UPJŠ Faculty of Arts building SOCRATES at Moyzesova 9 in Košice took place within the opening of the new academic year 2013/2014 at UPJŠ. The new modern multifunctional building contains three lecture halls, 4 seminar rooms, 4 consulting rooms, seven offices and technical premises that create the technical background of the building. The building also houses the Austrian Library and new dining areas.



## INTERNATIONAL ACTIVITIES

In the year 2013, departments, staff, and students of UPJŠ in their activities followed the latest international trends and tried to increase the international prestige of UPJŠ on the basis of quality cooperation with excellent international universities. We were active in the European University Association (EUA), where we participated in the work of its Evaluation Board and became involved in the U-Multirank evaluation of universities, in which we were evaluated as a whole, and the branch of Physics having been evaluated separately. The UPJŠ Rector, Prof. MUDr. L. Mirossay, DrSc., became a member of the European Academy of Sciences and Arts (EASA).

We continued to participate in regular activities of Magna Charta Universitatum Observatory. We had active representation in the European Union Strategy for the Danube Region and the Slovak Academic Association for International Cooperation (SAAIC). We successfully nominated representatives in the committees for the selection of grantees of the National Scholarship Programme of the Slovak Republic and in the selection panel of the Central European Exchange Programme for University Studies (CEEPUS). UPJŠ as a third Slovak University became a member of the Slovak-French University Institute.

In the year 2013, UPJŠ Košice was a member of the IT Valley Association and the seat of the Institute of European Law. The European Documentation Centre continued to pursue its activities at UPJŠ, which collects and records periodicals and non-periodical sources of the European Community issued by the EC publisher in Luxembourg, mostly in English and is part of a general network of Europe Direct information services. The Austrian Library greatly increased its activity in the new premises, which was founded by the Austrian Cultural

Centre of the Austrian Embassy in Bratislava in the year 1993 and is a Study Centre of the Austrian literature and culture for the whole of the eastern Slovak region.

In the framework of multilateral cooperation, we organized a panel discussion in April on our campus with the Ambassador of the Federal Republic of Germany to Slovakia, Dr. Axel Hartmann and with the Ambassador of the French Republic to Slovakia, Jean Mario Bruno on the 50<sup>th</sup> anniversary of the Elysee Treaty.

By making new framework agreements and memoranda of cooperation we have institutionalized the individual existing cooperation with universities of Balearic Islands in Palma at Mallorca Spain, the University of Groningen in the Netherlands, the University of Patras in Greece, with the Petersburg State University in Russia, the Silesian University in Opava, the University of Maine in the U.S.A., the Bar-Ilan University in Israel, the Jan Grodek College in Sanok, Poland, and the Dcore Systems SA company in Switzerland.

### International scientific research activities

In the year 2013, UPJŠ got involved in the European Research Area by acquiring international scientific projects. These were carried out within the framework of intergovernmental treaties in international projects and on the basis of international or inter-university treaties. The UPJŠ Faculty of Science participated in four large-scale scientific research projects funded under intergovernmental treaties.

Its employees cooperated with the Joint Institute for Nuclear Research in Dubno (Russia), and the Swiss

CERN centre, and creative employees of several institutes cooperated with the European XFEL GmbH and DESY (Deutsches Elektronen-Synchrotron) in Hamburg, Germany in developing a unique XFEL facility (X-ray Free Electron Laser) for the research into the structure of matter. The XFEL project is one of the most prestigious EU projects in the competitive world of science.

Scientific research projects lasting from one year to five years with international participation were in the year 2013 addressed at the UPJŠ Faculty of Science, the UPJŠ Faculty of Medicine, the UPJŠ the Faculty of Arts, and the UPJŠ Faculty of Public Administration. Funding of the projects came from the EU funds – from the 7<sup>th</sup> Framework Programme and the ESF and from the Ministry of Education resources - mainly from the APVV agency. The funds raised from other international grant resources also accounted a little, such as the International Visegrad Fund, and part of the funding was also from both VEGA and KEGA agencies. Partners in the project were mainly institutions in the European countries.

International scientific-research collaboration on the basis of international treaties or inter-university agreements in the year 2013 was implemented at the UPJŠ Faculty of Medicine and the Faculty of Science. The UPJŠ Faculty of Medicine continued in addressing all 12 projects from the previous period at the Institute of Public Health in collaboration with the University of Groningen in the Netherlands. The Faculty of Science commenced the contractual cooperation with Uppsala University and the University of Gotland, Sweden, and the VUT, Institute of Electrical Technology in Brno, the Czech Republic.

### International activities in the field of education

International cooperation in the field of education in the year 2013 may be incorporated into four main areas: international educational projects, mobility in the Erasmus programme, other mobility (the National Scholarship Programme of the Slovak Republic, Free Mover) and joint study programmes with the aim of awarding double degrees.

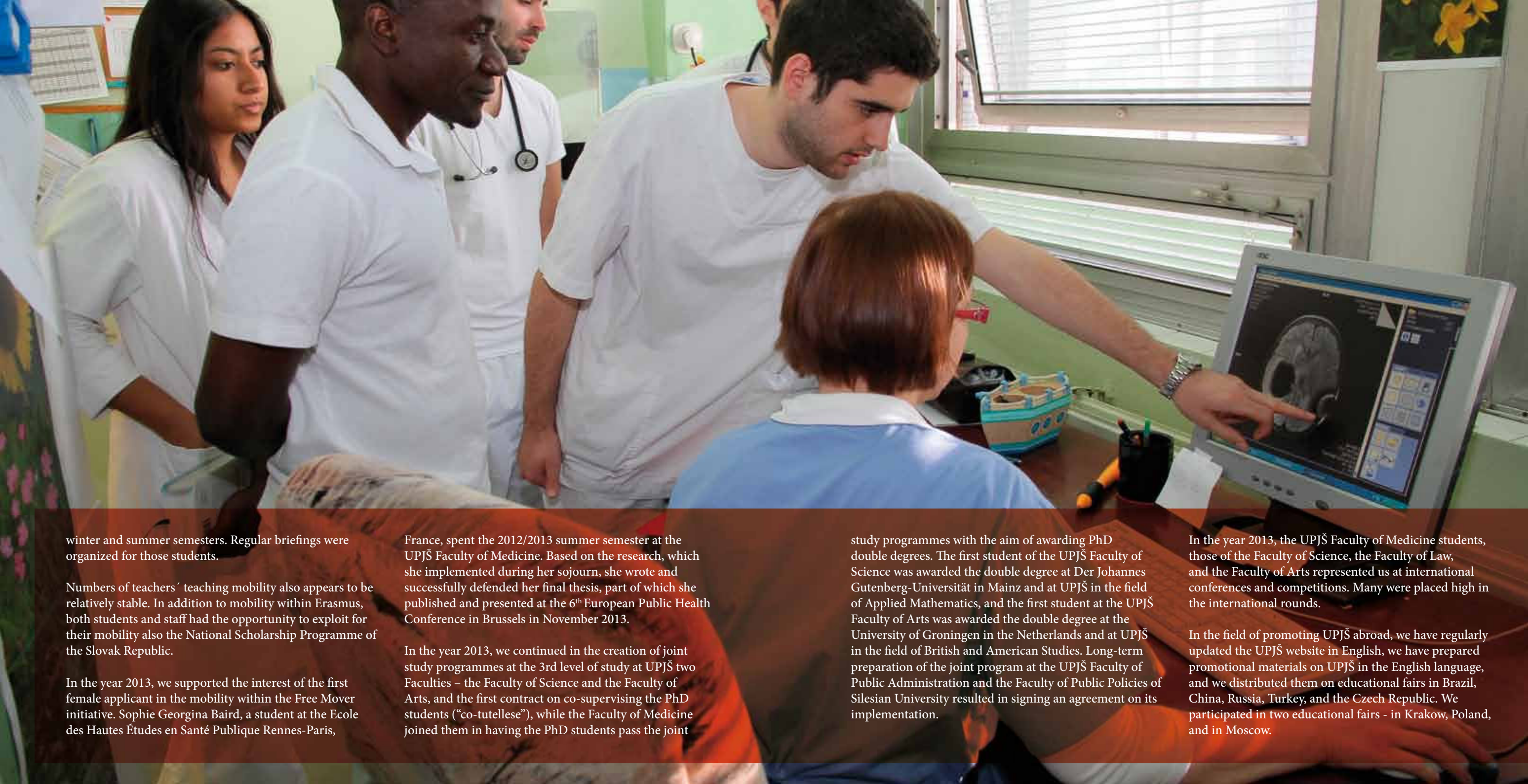
In the year 2013, all of the Faculties got involved in international educational projects. In comparison with the year 2011, when the Faculties organized 6 international educational projects, and the year 2012, when there were 13 such projects, in the year 2013 15 of educational projects were addressed, while new projects were added at the UPJŠ Faculty of Medicine and the Faculty of Public Administration.

In the year 2013, the UPJŠ Faculties were involved in all the Erasmus mobility activities. For the first time we had the opportunity to welcome a trainee at UPJŠ from abroad. UPJŠ tried to increase the attractiveness of student mobility at UPJŠ to study in a university abroad and student mobility for the purpose of placement in a company abroad, which directly allow strengthening employability through the acquisition and exchange of knowledge, experience, development of language, and intercultural competence and promoting personal contacts. We continued to improve the conditions for international student mobility, and tried to continue to encourage young employees in particular to undertake visits and fellowships abroad at leading international universities and scientific institutions, the objective here being that after their return they pass on the experience gained and contribute to increasing the level of research at UPJŠ.

The overall UPJŠ students' interest in the LLP/Erasmus mobility program has been relatively stable in time. Gradually, mobility starts to be attended by PhD students, for whom the mobility has, in addition to the regular study load, a special added value of scientific research - access to libraries, archives, laboratories, building networking, and many more.

In the year 2013, we noted an increase of interest of international students in the mobility at UPJŠ. For those interested in not only UPJŠ we organized in the year 2013 the EILC - Erasmus Intensive Language Course, Intensive Course of the Slovak language, which in addition to its teaching part often included familiarization with the culture of Slovakia. UPJŠ mobility students had the opportunity to attend a language course of Slovak during





winter and summer semesters. Regular briefings were organized for those students.

Numbers of teachers' teaching mobility also appears to be relatively stable. In addition to mobility within Erasmus, both students and staff had the opportunity to exploit for their mobility also the National Scholarship Programme of the Slovak Republic.

In the year 2013, we supported the interest of the first female applicant in the mobility within the Free Mover initiative. Sophie Georgina Baird, a student at the Ecole des Hautes Études en Santé Publique Rennes-Paris,

France, spent the 2012/2013 summer semester at the UPJŠ Faculty of Medicine. Based on the research, which she implemented during her sojourn, she wrote and successfully defended her final thesis, part of which she published and presented at the 6<sup>th</sup> European Public Health Conference in Brussels in November 2013.

In the year 2013, we continued in the creation of joint study programmes at the 3rd level of study at UPJŠ two Faculties – the Faculty of Science and the Faculty of Arts, and the first contract on co-supervising the PhD students ("co-tutellese"), while the Faculty of Medicine joined them in having the PhD students pass the joint

study programmes with the aim of awarding PhD double degrees. The first student of the UPJŠ Faculty of Science was awarded the double degree at Der Johannes Gutenberg-Universität in Mainz and at UPJŠ in the field of Applied Mathematics, and the first student at the UPJŠ Faculty of Arts was awarded the double degree at the University of Groningen in the Netherlands and at UPJŠ in the field of British and American Studies. Long-term preparation of the joint program at the UPJŠ Faculty of Public Administration and the Faculty of Public Policies of Silesian University resulted in signing an agreement on its implementation.

In the year 2013, the UPJŠ Faculty of Medicine students, those of the Faculty of Science, the Faculty of Law, and the Faculty of Arts represented us at international conferences and competitions. Many were placed high in the international rounds.

In the field of promoting UPJŠ abroad, we have regularly updated the UPJŠ website in English, we have prepared promotional materials on UPJŠ in the English language, and we distributed them on educational fairs in Brazil, China, Russia, Turkey, and the Czech Republic. We participated in two educational fairs - in Krakow, Poland, and in Moscow.





## QUALITY OF FINANCIAL MANAGEMENT

The income part of the budget is divided into subsidies from the state budget in the form of subsidy contract, subsidies received through the grant system of the Ministry of Education, Science, Research and Sport of the Slovak Republic in a competitive way, and non-subsidy income.

The total income of the University amounted to € 56,529, 019.10. The income structure in the year 2013 was as follows: Standard subsidy from the Ministry of Education, Science, Research and Sport of the Slovak Republic represented 50.71%, other subsidies from the state budget represented 0.02%, the EU Structural Funds – 19.96%, international projects – 4.14%, gifts and grants – 0.44%, business activities – 2.44%, capital grants – 6.49%, other income – 15.81%. All of the University units participate in obtaining the subsidies and non-subsidy income of UPJŠ. The major resource of covering the expenses in the pedagogical process, scientific and research activities, as well as social-welfare support for students was in the year

2013 the state budget subsidy granted by the Ministry of Education, Science, Research and Sport of the Slovak Republic.

One of the indicators, which shows the quality of budget and management of public funds is the economic profit, which in the year 2013 amounted to € 587,882.87. This was created by the difference between the total revenues at UPJŠ of € 48,907,748.51 and the total cost of € 48,319,865.46. These values reflect both main and business lines.

In the field of rationalization measures in the year 2013, an invitation to tender was called for insulation of the building of theoretical institutes at Tr. SNP 1 and procurement for the reconstruction of the largest greenhouse in the UPJŠ Botanical Garden. The reconstruction work will begin in the year 2014.





# EXECUTIVE SUMMARY

It is a realistic goal of Pavol Jozef Šafárik University in Košice to educate the best individuals of our population and to implement the top-quality and internationally recognized research. When transferring the expertise, this University wishes to ensure a clear universal knowledge basis of the educated top of this society. Since education is just one out of several attributes of University graduates, and without strong character values it intensely loses its significance, it is the duty of the University milieu to ensure the morale, attitudes, and character strength of its employees and future graduates. In terms of freedom of thought, academic autonomy, unity of research and education, the Long-term Strategy of UPJŠ for the years 2011-2017 has been approved.

The position of UPJŠ was evaluated by the Academic Ranking and Rating Agency (ARRA), which presented at the end of November 2013 its ninth evaluation of the faculties of Slovak universities. It relies on publicly available and verifiable data on the quality of education and research of the faculties in the year 2012. A total of 109 faculties were evaluated, of which 103 were faculties of public universities and 6 faculties of private universities in 11 groups of branches. Three out of five Faculties of Pavol Jozef Šafárik University in Košice are the second-best ones in Slovakia. In the group of Faculties of Medicine, the UPJŠ Faculty of Medicine (FM) returned to its 2<sup>nd</sup> position. The FM significantly increased the proportion of international students in its student population. In the science group of the faculties of natural sciences, the UPJŠ Faculty of Science (FS) ranked in the 2<sup>nd</sup> position. According to the ARRA, this Faculty has for long dominated the rankings and meets the criteria for science and research, the PhD study, and the grant success rate. In the group of law schools, the UPJŠ Faculty of Law (FL) ranked again in the 2<sup>nd</sup> position.

The increase in the number of PhD students showed a positive benefit for Košice. In the group of the faculties of arts, the UPJŠ Faculty of Arts (FA) ranked in the first half of the rankings, at the 5<sup>th</sup> position. The whole group continues the trend of increasing the publication and citation performance in international databases. In the group of other social sciences faculties, the UPJŠ Faculty of Public Administration (FPA) ranked 10th. According to the ARRA, the publishing and citation performance in international databases increased also in this group, it even keeps rising fastest among all the groups and its growth values reach tens of percent.



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