



Palacký University
Olomouc

2017

ANNUAL REPORT



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A Word from the Rector

In its own way, the year 2017 was a breakthrough one for Palacký University Olomouc (UP), because the university underwent intensive and demanding preparations to apply for institutional accreditation. The application was submitted right before the end of the year. The awarding of full autonomy in the area of accrediting study programmes was certainly one of the greatest changes in its modern history since the Velvet Revolution of 1989. In the past year, UP at the same time was extremely successful in the area of science and research, and two academic workplaces received large financial investments which will make possible the immediate further development of outstanding research in Olomouc in several areas. The university already has a tradition of prizes for the best researchers and teachers; however, this past year we decided for the first time to also officially recognise our colleagues who are active in the public sector. Volunteering and charity work should be an inherent part of any university and I am glad that Palacký University is one of the most visible institutions in the Czech Republic in this respect. The above-mentioned values are also those near and dear to the first post-1989 president of Czechoslovakia, Václav Havel, whose legacy and service to this country was honoured by a "Havel's Place" established in the courtyard of the university library.

It has long ceased to be the case that summer means a hiatus in activities at our university. In 2017 the number of international summer schools dramatically increased, attracting students from all over the world to Olomouc. And in August we held a successful UP Alumni Reunion, this time in Prague, which was met with exceptional enthusiasm.

And finally, 2017 was an election year for the position of university rector. I'd like to thank everyone for my re-election, which is perhaps an indication of confidence in the direction Palacký University is going.



Jaroslav Miller

Rector, Palacký University Olomouc



2017 at UP: A Calendar of Noteworthy Events

January

A star led the Three Magi to the Rector's Office

The Three Kings – Caspar, Melchior, and Balthasar – came to bring good tidings to the university about the birth of Jesus Christ, and left the message *Christus mansionem benedicat* on white chalk at the university entrance: Christ bless this house. They were welcomed by UP Rector Jaroslav Miller.



New books: Muslims in Czechia and Czech Exiles in Australia

UP took part in the creation of a new book, *Muslims in Czechia: Establishment of Muslims and Islam in Public*. In the book, Daniel Topinka of the Department of Sociology, Andragogy and Cultural Anthropology at the UP Faculty of Arts offers a more colourful view of Muslims living in Czechia. In January, the book *Czech Exiles in Australia (1948–1989)* by three UP historians – Jaroslav Miller, Jana Burešová and Miloš Trapl – was also launched.

Pavel Hobza is one of the most cited scientists in the world

The UP Regional Centre of Advanced Technologies and Materials (RCPTM) entered 2017 with three representatives on the prestigious 2016 Highly Cited Researchers list. It again included chemist Pavel Hobza, as well as Patrik Schmuki and Rajender S. Varma.

February

UP celebrated 71 years of its modern history

The university commemorated its re-establishment, which took place on 21 February 1946, when the news from Prague of the passing of the law which reinstated the university arrived in Olomouc – accompanied by the ringing of Olomouc church bells. The anniversary was commemorated during Academic Week, when a mass for students was held, church bells were rung, and 81 Rector's Prizes and honourable mentions were awarded, plus a blood drive took place. The programme was capped by the Palacký University Ball.

March

Department of Musicology hosted a symposium on popular music

More than fifty Czech and foreign scholars met in Olomouc in March to discuss popular music in communist and post-communist Europe. The Centre for the Study of Popular Music at the Department of Musicology, UP Faculty of Arts hosted the conference "Popular Music in Communist and Post-Communist Europe: State of Research, Perspectives".

20 Years of HSC Transplants

The Department of Hemato-Oncology at the University Hospital Olomouc and the UP Faculty of Medicine and Dentistry celebrated



In February, UP hosted the Czech Rectors Conference. The proceedings were also attended by the Czech Minister of Education, Kateřina Valachová.

20 years since the launch of its programme of transplanting haematopoietic stem cells (HSC) in Olomouc. Since its inception in 1997, more than 1,200 patients have undergone HSC transplants in the programme.

April

Faculty of Law invited distinguished guests

Three leading representatives in Czech law were hosted by the Faculty of Law: Pavel Šámal, the Chief Justice of the Supreme Court of the Czech Republic, Lenka Bradáčová, Chief Public Prosecutor in Prague, and Anna Šabatová, a Public Defender of Rights, came to debate. Another important guest was the journalist Václav Moravec.



May

Student Freeshop is born at UP

The first student Freeshop in Czechia was launched in Olomouc, at one of the UP dormitories. Students can leave kitchen utensils,

clothing, foodstuffs, and other items they no longer need or want, which may however be of use to their colleagues. The initiative Sustainable Palacký was responsible for its founding.

Physically-challenged students break barriers in the Alps

Students at the UP Faculty of Physical Culture made their annual Over the Bar(riers) Expedition. In the Austrian and Swiss Alps, they provided an extraordinary experience as assistants to nine people with physical disabilities.

Rector congratulated winners of the Student Literary Contest

In the UP Arts Centre, winners of the Student Literary Contest received their prizes. Students of the Faculties of Arts, Education, and Science won prizes in poetry and prose.

June

Václav Havel's Place in the Armoury courtyard

Palacký University unveiled a "Havel's Place" – a table and chairs surrounding a tree by artist and designer Bořek Šípek commemorating Václav Havel and his example – in its Armoury courtyard. Olomouc has joined the ranks of more than twenty Czech and foreign cities which have such a memorial to the former Czech president. Václav Havel thus symbolically returned to UP, where in 1990 he received his first honorary doctorate from any university in the former Czechoslovakia.

Remembering the Great Flood of 1997

Memories of eyewitnesses, lectures by experts, screening of a documentary film, and an exhibition. These were all components of the memorial afternoon 20 Years after the Flood in Olomouc, which took place on 8 June in the Ceremonial Hall of the Faculty of Law.



Palacký University unveiled "Havel's Place" in the courtyard of the university library.



The building of the Sts Cyril and Methodius Faculty of Theology in 2017 and 1929.

July

Summer schools again attract students of diplomacy

Seminars and meetings with experts from around the world were offered by summer schools at UP. UP again organised for example a Summer School of Humanitarian Aid and a Summer School of Diplomacy for high school students. Another innovation was the premiere of the Czech-Austrian-Slovak School of Private Law. Long-established summer schools at UP include the Summer School of Slavonic Studies, the Summer School of Development Cooperation, and the Summer School of Mathematics.

August

Book about successful Roma explodes stereotypes

Cultural anthropologists from the UP Faculty of Arts published the book *Ethnography of Social Mobility*, in which they summarise three years of field work in four Slovak villages whose Roma inhabitants do not fit into common perceptions of people living on the fringe of society. Their graphic representations, which one has to read by paging backwards through the book, illustrate the influence of stereotypes on human perception.

Breakthrough in linking the university and expert spheres

Palacký University Olomouc and the Czech Academy of Sciences (CAS) signed an agreement for the implementation of doctoral study programmes. It was the first CAS agreement with a university after the revised Higher Education Act dealing with doctoral studies, which should have a big impact for further combining the expert and university spheres.

Olomouc in Prague

On Saturday, 12 August, a meeting of seven hundred Palacký University alumni took place in Prague. The summer university party took place on the shore of the Vltava River.

September

UP hosted the largest meeting of historians

Olomouc enjoyed the professional meeting of Czech historians. It was the largest meeting ever of the Czech history community, attracting more than 800 participants. American Lynn Hunt was in attendance, one of the world's most famous historians.

Faculty of Theology building celebrates 300 years

A Jesuit seminary for poor students, a medical-surgical institute, a German high school, a military hospital – and above all, a seat of the Olomouc university, from which came today's Palacký University. This is the history of the Sts Cyril and Methodius Faculty of Theology, which celebrated 300 years of its building with a programme for the general public. In attendance were Archbishop Jan Graubner and Father Zbygniew Czendlik.

October

UP Rector commented on the financial situation of Czech universities

Palacký University joined with other universities in a symbolic Education Week and sought solutions as to how to increase the budget for universities in order to systematically finance qualitative changes.

Volunteer Days culminated with prizes

For the first time, UP Rector Jaroslav Miller awarded students and university workers prizes for services in the volunteer sphere. They were awarded during the ceremonial closing of the second annual Volunteer Days at UP. Prizes were given in seven categories, including volunteer work with children and youths, in hospitals, in social services, and environmental volunteering.

November

UP received 700 million CZK (€27 million) for science

Palacký University was successful in the major grant competition Excellence in Research, which means it will receive 700 million CZK (€27 million) in the coming years to support science and research. Two UP facilities were among the 15 Czech science centres to receive grants for the best projects – Centre of the Region Haná for Biotechnology and Agricultural Research and the Regional Centre of Advanced Technologies and Materials.

December

UP applied for institutional accreditation

Palacký University applied for institutional accreditation to the National Accreditation Office. UP thus became the third Czech university to apply, after Charles University in Prague and Masaryk University in Brno.

UP Rector invited employees for punch

Rector Jaroslav Miller invited employees and UP alumni for pre-Christmas punch. The now-traditional event took place in the Armoury courtyard.



Olomouc hosted the largest meeting of the Czech historian community ever.

2017 IN NUMBERS

8 faculties of Palacký University

274 accredited study programmes of various forms

21 associate professors named

25,045 applications for studies

82 accredited study programmes in various forms taught in foreign languages

430 courses of lifelong learning

15,667 students receiving scholarships

5 professors named on the proposal of the UP Scholarly Board

4,845 beds in UP dormitories

71st anniversary of the reinstatement of university teaching in Olomouc after World War 2, commemorated in February at UP by Academic Days

4,187 graduating students

4,676 requests for housing

700 gathered for the reunion of UP alumni in Prague!

506,736 volumes in the UP Library

454,151 meals served to students

118,390 meals served to employees

5,359 experts from the professional sector took part in teaching

201 academic conferences, including international ones

20,395 students in accredited study programmes

423 students paying full tuition

3,432 accepted international students for study stays, from 98 countries



201 academic and scientific employees with foreign citizenship

30,000 euros distributed by the UP Endowment Fund among 7 students to support their scientific and academic research



Applicants, Students, Alumni

Applicants for study

The number of applicants applying for study every year exceeds the capacity of all eight faculties. In 2017, the Study Office received 25,045 applications for Bachelor's, Master's, and doctoral studies. The top fields for applications have long been General Medicine, Law, Psychology, Dental Medicine, and Physiotherapy. The Faculties of Arts and of Education had the highest number of applications.

Increasing interest from Slovakia

The university's exposition at fairs of tertiary education in more Slovak cities than just the usual Nitra and Bratislava resulted by the end of the year in a higher demand of young Slovak students for study in Olomouc. Slovak could be heard much more often during the UP Open House Day in December, and applications from Slovakia had an increase of 14%.

Fairs offer more than mere information

Palacký University was one of the top five exhibitors among universities at fairs of tertiary education in Prague and Brno in 2017. The turnout at both events was 40,000 visitors, out of which one-third attended the UP exposition. Informational materials as well as dozens of UP student presenters, an interactive programme, and lectures on the possibilities of study in Olomouc were available to interested parties.

Record-breaking attendance at Open House Days

The January and December terms of Open House Days broke records at most UP faculties. Visitors were allowed to tour the faculties, visit lectures, and were also acquainted with other facilities, such as the library, dormitories, canteen, and the interactive science museum Fort Science.

UP opened several novel study programmes

In the academic year 2017/2018, UP offered new study programmes to applicants. The Faculty of Arts broadened its offer with the study programmes Television and Radio Studies and Management of Educational Institutions, while the Faculty of Health Sciences opened a Healthcare Paramedic programme. The Faculty of Science and the Faculty of Physical Culture launched several Master's programmes in English.

UP representatives visited Bratislava

The possibilities of study at UP were presented in Bratislava by the representatives of all faculties together with the UP Rector Jaroslav Miller, followed by a ceremony at the František Palacký Memorial in Bratislava.

Students

In 2017 at Palacký University, 274 study programmes in Czech and 82 programmes in other languages were accredited, with a total of 20,395 students enrolled, out of which 1,933 are foreigners. The highest numbers of students were registered at the Faculties of Art, Education, and Science.

Study administration facilitated by UPlication

The mobile application UPlication is the first of its kind at any Czech university. It allows students to manage the administration of their studies via smartphones. The application displays not only their schedule and class enrolments, but also maps of university buildings, notifications when class capacity is freed up, plus exam terms and results. In 2018 the application will be available also to iOS users.

University opened UP Student Club

At the end of the year, the UP Student Club was opened in the renovated spaces of the UP Library. The space in the Armoury can be used by student clubs and organisations. More than 20 organisations have access to the room 24/7, allowing them to hold meetings, training sessions, and workshops.

Academic year begun by MEET UP

Bands, theatre, a picnic, a silent disco, demonstration of sporting programmes, and presentations by dozens of student organisations and university facilities were just part of the programme prepared by the university in the beginning of the academic year. The first MEET UP on campus was attended by thousands of students of various disciplines.

Student course credit "bank" established

A credit "bank" for optional courses which have no direct connection to the field of their study was newly introduced at UP. Students have an account in the "bank" and a given limit of credits that can be used to enrol in optional courses outside one's own faculty.

Foreign students in Development Studies at UP

In autumn, Palacký University welcomed the first students of the international Master's study programme Global Development Studies Programme (GLODEP). Altogether, 758 applicants from 105 countries applied, and 20 succeeded.

Alumni

Alumni party in Prague

Palacký University prepared an end of summer event "Olomouc in Prague" for its alumni and others. The venue was rather unconventional: a boat on the Vltava River and the nearby shore. Seven hundred participants enjoyed a rich musical programme, a special boat with a Jacuzzi, and delicacies from the Haná region. The reunion was opened by Rector Jaroslav Miller who used the opportunity to introduce future visions of Olomouc's university and its past achievements.

Faculties welcomed their Diamond alumni

Respect, admiration, and emotions ruled the atmosphere of the Diamond Graduation ceremony in April, organised for the first time by the UP Faculty of Medicine and Dentistry. After sixty years, the ceremonial oath was again made by 17 alumni from the Class of 1957. The event was also attended by the Class of 1987 alumni who visited the meeting Roots/Radicēs in Olomouc. Another Diamond Graduation was held in November at the UP Faculty of Science, which also hosted the jubilee tenth Golden Graduation. The Faculty of Education organised a special Alumni Day in September, where the graduation of eighty of those who completed their studies in 1992 took place.

U3V bid farewell to 450 alumni

In the auditorium of the UP Faculty of Law, the University of the Third Age (U3V) alumni were graduated. Diplomas were handed to 450 senior students, and for the first time in history, they included participants of the course at the Faculty of Law. U3V at Palacký University is the oldest university of its kind in Czechia, with branches in Uherské Hradiště, Valašské Meziříččí, Vyškov and now also in Šternberk. Every year 1,200 students 50 years-old or older enrol.



The UP Alumni Reunion in Prague included Prof Josef Jařab among its guests.



450 U3V alumni attended the graduation ceremony.

Interest in university study (number of applications, number of admitted students, number of enrolled students)

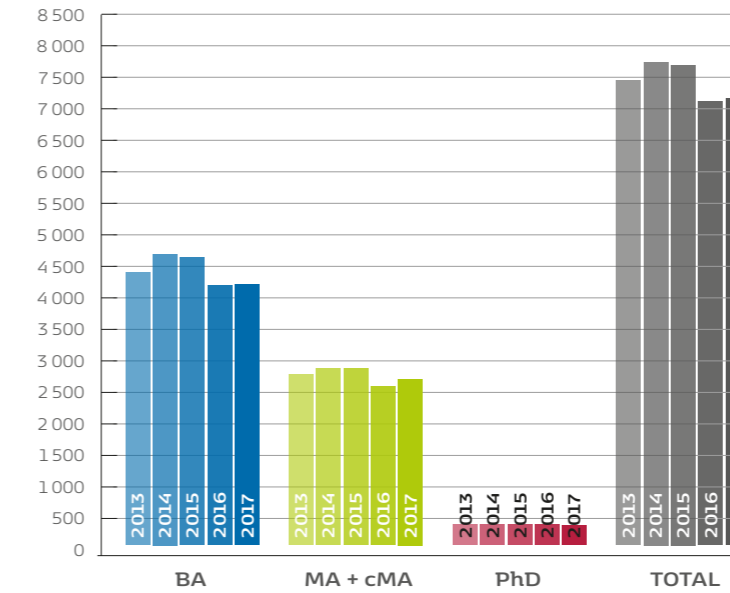
Palacký University		Bachelor's study (BA)			Master's study (MA)			Continuing Master's study (MA)			Doctoral study (PhD)		
Groups of accredited study programmes	CBDE (Classification of Basic Disciplines in Education)	Number of applications	Number of admitted stud.	Number of enrolled stud.	Number of applications	Number of admitted stud.	Number of enrolled stud.	Number of applications	Number of admitted stud.	Number of enrolled stud.	Number of applications	Number of admitted stud.	Number of enrolled stud.
Health Sciences, Medicine and Pharmacology disciplines	51-53	0	0	0	3027	591	423	0	0	0	68	64	63
FACULTY OF HEALTH SCIENCES	1319	352	215	0	0	0	237	134	90	0	0	0	
Health Sciences, Medicine and Pharmacology disciplines	51-53	1319	352	215	0	0	0	237	134	90	0	0	0
FACULTY OF ARTS	5028	1241	1241	0	0	0	1325	472	472	153	109	98	
Social Sciences, Studies and Services	61, 67, 71-73	3254	927	927	0	0	0	788	311	311	107	75	67
Education, Teacher Training and Social Care	74, 75	281	59	59	0	0	0	132	46	46	6	4	3
Psychology disciplines	77	1153	122	122	0	0	0	316	86	86	7	5	5
Arts and Culture sciences and disciplines	81, 82	340	133	133	0	0	0	89	29	29	28	20	18
FACULTY OF LAW	392	120	55	1383	486	287	59	29	24	32	24	19	
Social Sciences, Studies and Services	61, 67, 71-73	0	0	0	0	0	0	50	26	22	0	0	0
Law and Administration	68	392	120	55	1383	486	287	9	3	2	32	24	19
STS CYRIL AND METHODIUS FACULTY OF THEOLOGY	582	354	273	15	9	8	220	141	129	13	10	10	
Social Sciences, Studies and Services	61, 67, 71-73	464	287	227	15	9	8	166	104	92	13	10	10
Education, Teacher Training and Social Care	74, 75	118	67	46	0	0	0	54	37	37	0	0	0
FACULTY OF SCIENCE	2990	2240	1070	0	0	0	775	586	352	70	57	52	
Natural Sciences and disciplines	11-18	2893	2203	1045	0	0	0	746	579	345	70	57	52
Health Sciences, Medicine and Pharmacology disciplines	51-53	97	37	25	0	0	0	29	7	7	0	0	0
FACULTY OF EDUCATION	3369	876	876	886	223	223	1062	443	443	58	44	41	
Natural Sciences and disciplines	11-18	77	43	43	0	0	0	0	0	0	0	0	0
Education, Teacher Training and Social Care	74, 75	3292	833	833	886	223	223	1062	443	443	58	44	41
FACULTY OF PHYSICAL CULTURE	1437	571	425	0	0	0	458	256	227	19	12	12	
Health Sciences, Medicine and Pharmacology disciplines	51-53	288	46	32	0	0	0	105	35	33	0	0	0
Education, Teacher Training and Social Care	74, 75	1149	525	393	0	0	0	353	221	194	19	12	12
TOTAL		15 117	5754	4155	5379	1309	941	4136	2061	1737	413	320	295

Accredited study programmes (numbers)

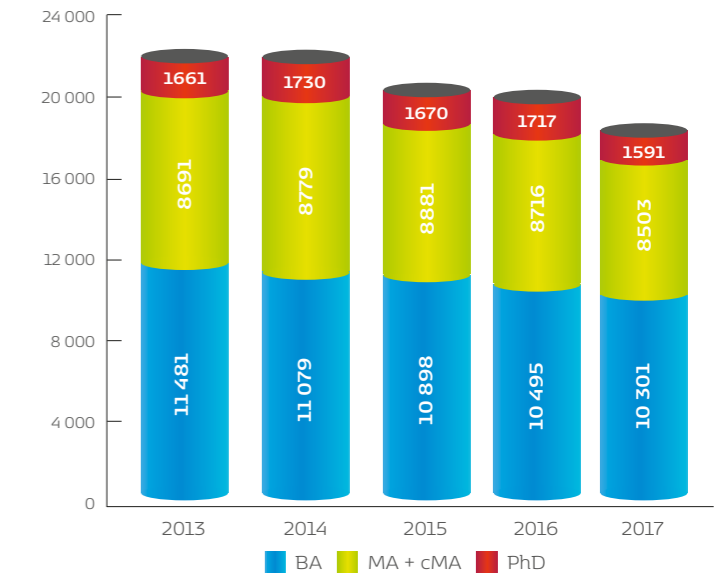
Palacký University		Bachelor's study (BA)		Master's study (MA)		Continuing Master's study (MA)		Doctoral study (PhD)		TOTAL
Groups of accredited study programmes	CBDE	FT	C/D	FT	C/D	FT	C/D	FT	C/D	
FACULTY OF MEDICINE AND DENTISTRY										
Health Sciences, Medicine and Pharmacology disciplines	51-53	0	0	2	0	0	0	25	25	52
FACULTY OF HEALTH SCIENCES										
Health Sciences, Medicine and Pharmacology disciplines	51-53	3	3	0	0	2	3	1	1	13
FACULTY OF ARTS										
Social Sciences, Studies and Services	61, 67, 71-73	6	3	0	0	8	2	8	8	35
Economics	62, 65	0	0	0	0	0	0	1	1	2
Education, Teacher Training and Social Care	74, 75	1	2	0	0	0	1	2	2	8
Psychology disciplines	77	1	1	0	0	1	1	1	1	6
Arts and Culture sciences and disciplines	81, 82	3	2	0	0	3	0	4	4	16
FACULTY OF LAW										
Social Sciences, Studies and Services	61, 67, 71-73	0	0	0	0	1	0	0	0	1
Law and Administration	68	1	0	1	0	1	0	1	1	5
STS CYRIL AND METHODIUS FACULTY OF THEOLOGY										
Social Sciences, Studies and Services	61, 67, 71-73	3	2	1	1	2	2	2	2	15
Education, Teacher Training and Social Care	74, 75	2	2	1	0	2	2	0	0	9
FACULTY OF SCIENCE										
Natural Sciences and disciplines	11-18	10	3	0	0	10	3	12	12	50
Health Sciences, Medicine and Pharmacology disciplines	51-53	1	0	0	0	1	0	0	0	2
FACULTY OF EDUCATION										
Natural Sciences and disciplines	11-18	1	1	0	0	0	0	1	1	4
Social Sciences, Studies and Services	61, 67, 71-73	1	0	0	0	0	0	0	0	1
Education, Teacher Training and Social Care	74, 75	4	4	4	5	7	7	6	7	44
FACULTY OF PHYSICAL CULTURE										
Health Sciences, Medicine and Pharmacology disciplines	51-53	1	0	0	0	2	0	0	0	3
Education, Teacher Training and Social Care	74, 75	1	1	0	0	1	1	2	2	8
TOTAL		39	24	9	6	41	22	66	67	274

CBDE: Classification of Basic Disciplines in Education; FT: Full-time, C/D: Combined/Distance

Number of enrolled students



Total numbers of students Total: 2017: 20 395 *



* In 2017, 20,395 students registered for studies at UP in 274 programmes; 50% were Bachelor's students, Master's students made up 42% of the total, and the other 8% were Doctoral students.

Graduates of accredited study programmes (numbers)

Palacký University		Bachelor's study (BA)		Master's study (MA)		Continuing Master's study (MA)		Doctoral study (PhD)		TOTAL
Groups of accredited study programmes	CBDE	FT	C/D	FT	C/D	FT	C/D	FT	C/D	
Natural Sciences and disciplines	11-18	381	11	0	0	315	0	43	11	761
Technical sciences and disciplines	21-39									0
Agriculture, Forestry and Veterinary Care sciences and disciplines	41, 43									0
Health Sciences, Medicine and Pharmacology disciplines	51-53	142	33	307	0	62	8	20	26	598
Social Sciences, Studies and Services	61, 67, 71-73	506	73	9	0	310	36	10	18	962
Economics	62, 65									0
Law and Administration	68	27	0	190	0	0	0	4	9	230
Education, Teacher Training and Social Care	74, 75	386	215	115	43	349	252	13	8	1381
Psychology disciplines	77	44	34	1	0	43	35	3	1	161
Arts and Culture sciences and disciplines	81, 82	50	9	0	0	31	0	3	1	94
TOTAL		1536	375	622	43	1110	331	96	74	4187

CBDE: Classification of Basic Disciplines in Education; FT: Full-time, C/D: Combined/Distance

UP Endowment Fund launched the pilot phase of the campaign Donate Opportunity

The UP Endowment Fund (UP EF) had a successful year in 2017. In addition to having Česká spořitelna (Czech Savings Bank) as its general partner again, students applying for the third call also benefited from the distribution of funds acquired during the unique Donate Opportunity campaign, launched mainly among UP alumni.

The Endowment Fund entered its third year of existence in 2017 and has firmly established itself in the consciousness of the academic community. University students increasingly search for offers to support their research projects, ones which are effective and not burdened by bureaucracy. “The mission of the fund is based on the conviction that the motivation and creativity of young people and their desire for knowledge are symbolic venture capital, which is necessary to foster and further develop,” said Jaroslav Miller, UP Rector and Chairman of the UP Endowment Fund Board of Trustees. “We are glad that we have found a partner in this effort whose philosophy is consistent with the views of Palacký University. I would like to thank Česká spořitelna for its generous financial support. Thanks also go to the donors who are university employees, students, and alumni, as well as outstanding representatives of Czech science, medicine, law, and journalism,” added the rector. The Endowment Fund, thanks to its partnership with Česká spořitelna, received a donation of €20,000 in 2017.

Main objectives

The main objectives of the UP Endowment Fund are to support outstanding young researchers and artists with international impact, and starting strategic partnerships with proud alumni and supporters of Palacký University. Its mission is to contribute to the students’ personal and professional development and even to the solution of social and environmental problems by means of supporting their international scientific and artistic activities. Students with health or social impairments and foreign

students studying at UP are also urged to apply. It is structured in a way that makes submissions and administration as simple as possible. It was established in 2015 and it is the only fund of its kind at Czech universities.

Supporting seven talents

Seven students received funding for scientific research from the UP Endowment Fund in 2017. The selection was made from 42 applications. In total, more than thirty thousand euros were distributed. Criteria for selection included contributions to the field, international impact of the project, and the ability of the applicant to describe the merits of their plan.

Each student could receive up to €8,000 for their project. The amount of the contribution, decided by the EF Board of Trustees, depends not only on the type of research, its complexity, and international impact, but also on the ability of the student to explain his/her project and its results clearly. Supported students may re-apply.

Donate Opportunity

In 2017, the fund launched the pilot phase of the campaign Donate Opportunity, which focusses on UP alumni and supporters. The fund earned the trust and also the financial support of many personalities from the worlds of science, IT, medicine, law, art, journalism, trade, and other areas. The long-planned and prepared programme is a unique campaign in the context of Czech universities, focussed on improving relationships with alumni.

UP Endowment Fund,
UP Student Career and Counselling Centre

The UP Endowment Fund Board of Trustees is made up of:

- » Prof Mgr. **Jaroslav Miller**, M.A., Ph.D., UP Rector and Chairman of the EF Board of Trustees
- » Mgr. **Klára Šandová**, project manager at Česká spořitelna for university cooperation
- » Prof PhDr. **Zdeněk Pechal**, CSc., Dean of the UP FA
- » Mgr. **Boris Cvek**, Ph.D., OUSHI (Olomouc University Social Health Institute), UP CMTF
- » Ing. **Pavel Jörka**, MBA, Director of the Regional Corporate Centre of Česká spořitelna (Czech Savings Bank)

Supported students

Vladimír Skalický

UP Faculty of Science

Thanks to the project, he was able to take part in the creation of a map of plant hormones – auxins and cytokinins. The results will contribute to the clarification of molecular-biological and biochemical rules of plant growth and development and may alter our existing concepts concerning the maintenance of balanced levels of the given phytohormones on the cellular and subcellular levels in plants. The new findings may be used in the improvement of economical indicators of important field crops.

Contribution from UP EF: 88,000 CZK (€3,400)

Silvie Dostálková

UP Faculty of Science

American foulbrood is one of the most serious diseases in bees. The problem lies in the early diagnosis of the disease. Thanks to the project, the student was able to participate in the development of cultivation media for the foulbrood originator and test the antimicrobial properties of the substances produced by lactobacilli isolated from the bee digestive tract. The findings may lead to the development of commercial products supporting the health and immunity of bees.

Contribution from UP EF: 117,500 CZK (€4,500)

Martina Medvedíková Michalová

UP Faculty of Medicine and Dentistry

Diffuse large B-cell lymphoma is one of the most common malignant non-Hodgkin's lymphomas. They are characterised as aggressive lymphomas, i.e. rapidly growing and leading to the patient's death when not treated adequately. During her study stay at a top-notch institute in Manchester, UK, the student could test the utilisation of infrared and Raman spectroscopy for the early diagnostics of B-cell lymphoma. The project may lead to possible application in oncological practice.

Contribution from UP EF: 142,000 CZK (€5,500)

Luděk Plachký

UP Faculty of Law

The project Emission aims to interconnect primary and secondary schools and universities in sharing information on air quality protection in their biology, physics, geography, and law classes. The student provided commentary on laws dealing with air protection in collaboration with the Czech Ministry of the Environment, the Moravian-Silesian Region and the City of Opava. Thanks to this support, the student has a better position in negotiations with the representatives of the public and private sectors.

Contribution from UP EF: 100,000 CZK (€3,900)

Barbora Pařízková

UP Faculty of Science

Thanks to the support, a library of fluorescently-labelled auxins was created that have found applications in research and in helping to detect flaws. Employing fluorescent labels that are conjugated with the auxin molecule allow visualising it, and thus to observe the distribution of the hormones in various physiological processes by means of confocal microscopy. The findings should lead to a more effective use of the altered hormones for agricultural purposes and in plant biotechnologies.

Contribution from UP EF: 109,000 CZK (€4,200)

Gabriel Gonzalez

UP Faculty of Science

Idiopathic Parkinson's is a neurodegenerative disease characterised by the degeneration of dopaminergic neurons in the brain's motor centre. It makes up 90% of all diagnosed cases of Parkinson's. The student investigated the mechanism of neuron degeneration and other pathological processes as well as the development of active antiparkinson medications. He is collaborating with his foreign tutor, the specialist Dr Walter D'Acunto.

Contribution from UP EF: 133,000 CZK (€5,200)

Martins Briedis

UP Faculty of Science

During the last century, the polar zones have warmed approximately 2 degrees Celsius, which makes them the most rapidly changing ecosystem in the world. Therefore, it is necessary to understand how and if animals can adapt to the changes. The student is investigating the migration patterns of the Arctic tern in Svalbard, Norway. The tern migrates a record-breaking 50,000 kilometres. Thanks to the migration, the ecosystems of both poles are connected, and so nutrients, energy, organisms, parasites, and pathogens are transported from one hemisphere to the other.

Contribution from UP EF: 94,500 CZK (€3,700)

MAJOR ACHIEVEMENTS OF THE UP EF IN 2017:

- Out of 42 applicants, 7 projects were selected.
- The preparations for the campaign Donate Opportunity started. Content was consulted with Marlene Stjernholm, a fundraising consultant at the University of Colorado, USA. Important UP alumni were addressed, and cooperation with one-half of them was successfully concluded.
- At the Academia Film Olomouc festival, it presented supported projects in PechaKucha format (20 slides, 20 seconds each).
- The fund successfully presented itself at the 2017 Olomouc May Student Celebrations and at 2017 UP Alumni Reunion in Prague.
- Media coverage was achieved; in collaboration with the daily *Olomoucký deník* a series of 6 articles was published.
- The fund organised an Advent meeting of the supported students under the auspices of Rector Jaroslav Miller.
- The merger of the ČSNRA Endowment Fund and the UP Endowment Fund was completed.

UP Student Career and Counselling Centre

The Student Career and Counselling Centre (SCCC) provides students primarily with consultations concerning career advice, developmental courses, training and workshops, trial assessment and development, meetings with employers, conferences, on-line advice, and other activities aimed at increasing the usefulness of alumni on the labour market. It helps students find temporary jobs and internships. It also informs them of other counselling centres which are operating at individual faculties. It offers the opportunity to collaborate with organisations and employers throughout Czechia. It was founded in 2015 thanks to a project of the Czech Ministry of Education. The service is supported by the Olomouc Region and Česká spořitelna.

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SCCC IN 2017:

- registered 660 students, collaborated with 159 subjects, organised 23 events;
- provided individual career counselling/coaching;
- organised a basic entrepreneurship course Enter!Prise and a digital marketing course, DigiUP;
- organised the workshops Search Your Inner World and Project Logic;
- organised the fifth year of the conference UP Business Camp;
- hosted a debate in the series Different Career and a workshop Trial Assessment Centre;
- held a lecture Communication in the Firm and consultations of CVs and motivational letters in German;
- made a pilot verification of their Ambassador Programme;
- promoted the possibilities of advertisements for job opportunities, study stays, and volunteering events at www.kariernicentrum.upol.cz.

www.fond.upol.cz



STUDENTSKÉ KARI
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New Professors and Changes in Management

Four UP faculties elected new deans

Elections for the positions of rector, five deans, and members of the Academic Senate were closely watched events of 2017. New leaders were chosen to head four faculties. At the end of January, senators of the Faculty of Health Sciences voted for a new dean. In the second half of the year, changes were decided at the Faculty of Education; and also at the Faculties of Arts and Physical Culture, where Deans Jiří Lach and Zbyněk Svozil reached their term limits. The new dean of the Faculty of Science was chosen in January 2018, when Martin Kubala succeeded Ivo Frébort. In 2017, Palacký University Olomouc proposed the nomination of five new professors; in all, seven members of UP accepted their appointments to full professors.

Jaroslav Miller will continue to lead UP

The UP Academic Senate elected the current rector, Jaroslav Miller, to another four-year term in the position starting on 1 February 2018. "Thank you for your trust, I take it with the utmost seriousness. I can promise you that I will do everything I can to further the prosperity of Palacký University. But nobody can go it alone; it is only possible when we work together and help each other," said Jaroslav Miller, shortly after re-election. Jaroslav Miller (b. 1971) studied history and philology at Palacký University, Central European University in Budapest, and the University of Oxford. In 2012 he was named Professor of History and he was Head of the Department of History at the UP Faculty of Arts until January 2014, when he assumed the position of UP Rector. He has had research stays at leading world universities and research institutes in Canada, Hungary, the USA, Great Britain, Germany, and Australia. In 2008 he was a Fulbright Scholar at Georgia College and State University in Milledgeville, Georgia, USA. In 2012 the US Ambassador named him Czech Ambassador to the Fulbright programme.

Jaroslav Vomáčka will continue to lead the Faculty of Health Sciences



Jaroslav Vomáčka will continue in his position as Dean of the Faculty of Health Sciences (UP FHS). His re-election was confirmed by the members of the Faculty Senate in the first round of voting.

Jaroslav Vomáčka (b. 1956) was first elected Dean of UP FHS in 2013. He is an associate professor and teaches at the UP FHS Department of Radiological Methods and also works as a doctor at the Department of Radiology, UP Faculty of Medicine and

Dentistry and the University Hospital Olomouc. He was the Director of the University Hospital Olomouc from 2003–2007.

Michal Šafář elected new Dean of UP Faculty of Physical Culture



The UP Faculty of Physical Culture elected Michal Šafář as its new dean. After being appointed Dean by the UP Rector, the sport psychologist replaced Zbyněk Svozil, who reached his term limit in office, as head of the faculty.

Michal Šafář (b. 1971) is a graduate of UP FPC and the UP Faculty of Arts; his doctorate was awarded at UP FPC in sport psychology. At present, he is Head of the

Department of Social Sciences in Kinanthropology. He also works in the sector, and was for instance the sport psychologist of tennis star Petra Kvitová. He is the chairman of the Czech Association of Sport Psychologists.

The Faculty of Arts Senate elected Zdeněk Pechal as its new Dean



Senators of the Academic Senate of the Faculty of Arts elected a new dean. After being appointed by the UP Rector, Slavist Zdeněk Pechal will assume the faculty's highest position. He replaces historian and political scientist Jiří Lach, who reached his term limit at the end of January 2018.

Zdeněk Pechal (b. 1957) is the Head of the Department of Slavonic Studies at UP FA and is a member of the Literary Society of the Czech Academy of Sciences. He has been engaged life-long in Czech, Ukrainian, Polish, and especially Russian literatures of the 19th and 20th centuries.

The Faculty of Education elected Libuše Ludíková as their new dean



The Academic Senate of the Faculty of Education elected a new dean, Libuše Ludíková, previously the Vice-Dean for Science, Research and Doctoral Studies and also a member of the Institute of Special Education Studies. She will take office as of 1 February 2018.

Libuše Ludíková (b. 1957) specialises in education of the visually-impaired, and was the Head of the Department of Special Education. She held the position of dean for two terms before Dean Čestmír Serafín.

20 new associate professors

During ceremonial promotions in the Assembly Hall of the Faculty of Law on June 7th, ten new associate professors were named from the Faculties of Arts, Medicine and Dentistry, Science, and Law. During December promotions, another ten new associate professors were named from the Faculties of Medicine and Dentistry, Law, Education, Science, Arts, and Theology.

123 new Doctors of Philosophy

Accompanied by a fanfare, the national anthem, and student hymns, doctoral students from all eight UP faculties accepted the title of Ph.D. The biggest representation was from the Faculty of Medicine and Dentistry with 38 doctors, followed by the Faculty of Arts with 29 doctors. The Faculty of Science has 26 new doctors, the Faculty of Education 10, the Faculty of Law 8, the Faculty of Physical Culture 6, and the Faculties of Health Sciences and Theology 3 each.

UP has another Emeritus Professor

The ceremonial atmosphere at the December promotion was enhanced by the Rector's well-wishing to the former dean of the Faculty of Arts and head of the Department of History, Ivo Bartěček, who accepted the decree conferring his rights as Professor Emeritus. The university accepted him in this position as a recognition of his contributions and professional reputation and as a call for further cooperation.

THE NEW ASSOCIATE PROFESSORS ARE:

**Monika Horváthová (FMD), Ondřej Kalita (FMD),
Eva Kriegová (FMD), Beatrice Mohelníková
Duchoňová (FMD), Luděk Slavík (FMD),
Oldřich Šmakal (FMD), David Vrána (FMD),
Jiří Vrba (FMD), Manoj Bhanudas Gawande (FS),
David Friedecký (FS), Lumír Gvoždík (FS),
Petr Smýkal (FS), Helena Kubátová (FA),
Petr Kučera (FA), Helena Spurná (FA),
Pavel Zahrádka (FA), Petr Tégl (FL),
Milan Hulmák (FL), Vít Hušek (CMFT),
Kamil Kopecký (FE)**



Jaroslav Miller continues as UP Rector.



NEW PROFESSORS AT PALACKÝ UNIVERSITY OLOMOUC

New professors at UP

In 2017 Palacký University Olomouc proposed the nomination of five new professors, and seven members of UP accepted their appointments to full professors. In June 2017 in the Karolina Great Ceremonial Hall of Charles University in Prague, Czech Minister of Education Stanislav Štech appointed a total of 86 new full professors, three based on recommendations of the UP Scientific Board. The new professors are: Jaroslav Řeháček of the Department of Optics at the UP Faculty of Science; Milan Grundmann of the University of Ostrava, a specialist in medical pharmacology; and Erika Halašová of Comenius University in Bratislava, an expert in medical biology.

In December 2017, the Czech president signed 52 appointments to full professor, and the ceremony took place on 22 January 2018 in the Great Ceremonial Hall of Charles University in Prague. The appointments were handed out by Robert Plaga, Czech Minister of Education. Among those newly appointed were four new professors of the UP Faculties of Science and Medicine and Dentistry: geneticist Jiří Drábek, head of one of the research groups at the Institute of Molecular and Translational Medicine at UP FMD; surgeon Roman Havlík, Director of University Hospital Olomouc; and Jan Peřina, quantum physicist at the Joint Laboratory of Optics at Palacký University Olomouc and the Institute of Physics of the Czech Academy of Sciences. On the recommendation of the UP Scientific Board, Alan Bulava, a specialist associate at the Department of Exercise Medicine and Cardiovascular Rehabilitation, UP Faculty of Medicine and Dentistry, was also named full professor.



Prof Mgr. Alan Bulava, MD, Ph.D.

Chief physician of arrhythmias and cardiac stimulation in the Cardiac Centre of the České Budějovice Hospital and member of the Institute of Nursing, Midwifery and Emergency Care at Southern Bohemian University in České Budějovice. He also works at the Department of Exercise Medicine and Cardiovascular Rehabilitation, UP Faculty of Medicine and Dentistry. He was appointed on the basis of a proposal by the UP Scientific Board in the field of Internal Medicine.



Prof Milan Grundmann, MD, CSc.

An alumnus of the UP Faculty of Medicine and Dentistry, working at the Faculty of Medicine at Ostrava University in the Institute of Clinical Pharmacology. In the years 1991–2011 he was Associate Professor at the Institute of Pharmacology, UP FMD Olomouc. He received the UP Silver Medal in 1999. An honorary member of the Czech Society of Clinical Pharmacology. He was nominated by the UP Scientific Board in the field of Medical Pharmacology.



Prof Mgr. Jiří Drábek, Ph.D.

He works at the UP Faculty of Medicine and Dentistry and at the Institute of Molecular and Translation Medicine at University Hospital Olomouc. He is an expert on genotyping and its Bayesian interpretation, which is applied to intact or degraded DNA from healthy or tumorous tissue samples. He is the Chairman of the Czechoslovak Society for Forensic Genetics and a court-appointed expert in the health sector regarding genetics. He was nominated by the Charles University Scientific Board in the field of Medical Biology.



NEW PROFESSORS AT PALACKÝ UNIVERSITY OLOMOUC



Prof Roman Havlík, MD, Ph.D.

He works at the UP Faculty of Medicine and Dentistry. He is the Director of University Hospital Olomouc. He has been dedicating himself to the possibilities of gene therapy of liver malignancies, experimental improvement of hepatic flow and minimal residual disease in pancreatic tumours. His clinical focus is on surgery of the liver, pancreas and bile ducts, and laparoscopy techniques. He was nominated by the UP Scientific Board in the field of Surgery.



Prof RNDr. Erika Halašová, Ph.D.

She works for Comenius University in Bratislava, in its Institute of Medical Biology at the Jessenius Faculty of Medicine in Martin, Slovakia. She is a member of the Czechoslovak Biological Society and a laureate of the Gold Medal of the Slovak Medical Association. She was nominated by the UP Scientific Board.



Prof RNDr. Jan Peřina, Ph.D.

He graduated from the Faculty of Mathematics and Physics at Charles University, and since 1996 he has been working in the Joint Laboratory of Optics of Palacký University Olomouc and the Institute of Physics of the Czech Academy of Sciences. He dedicates himself primarily to the study of nonclassical properties of optical fields in generated nonlinear optical processes. He was nominated by the Charles University Scientific Board in the field of Physics – Quantum Optics and Optoelectronics.



Prof Mgr. Jaroslav Řeháček, Ph.D.

Professor Jaroslav Řeháček works at the Department of Optics at the UP Faculty of Science. He is a project manager working in the areas of information in optics, singular optics, and image processing. He was nominated by the UP Scientific Board in the field of Optics and Optoelectronics.



World-Renowned Personalities at UP, Awards

Palacký University and its facilities have long been cooperating with the Czech and international academic elite. Many famous personalities also travel to Olomouc as guests of the university. In 2017 for example, important philosopher Manfred Frank and historians Lynn Hunt and Timothy W. Ryback came to lecture at the Czech Republic's second-oldest university. A number of personalities also received various personal and professional awards in 2017.

Paolo Fornasiero talked about nanocatalysts

A broad spectrum of possibilities in the application of nanocatalysts was introduced at the UP Faculty of Science by a world-renowned expert in material chemistry, Prof Paolo Fornasiero from the University of Trieste. He came as part of the Rudolf Zahradník Lecture Series, then visited the Regional Centre of Advanced Technologies and Materials and commenced collaboration on the development of new hybrid nanostructures.

Schnable and Chapple as conference guests

Plant geneticist Patrick Schnable from Iowa State University and biochemist Clint Chapple from Purdue University in the USA were the most important guests of the international conference Biotechnology of Plant Products – Green for Good IV at the UP Faculty of Science. Schnable has had a major contribution in the sequencing of the maize genome; Chapple investigates the biosynthesis of lignin.

Egyptologist Bárta commenced the series Contemporary Chemistry

Egyptologist Miroslav Bárta commenced the lecture series Contemporary Chemistry, promoting the interconnection of chemistry and other scientific disciplines. The director of the Czech Institute of Egyptology at the Charles University Faculty of Arts is known for his archaeological and cultural anthropological research in Egyptian Abusir and in Sudan.

Historian Ryback introduced his research

American historian Timothy W. Ryback was one of the keynote speakers at the symposium Popular Music in Communist and Post-Communist Europe: State of Research, Perspectives. In his paper, he spoke on the circumstances of his research on his publication *Rock Around the Bloc: A History of Rock Music in Eastern Europe and the Soviet Union, 1954–1988*.

Astronomer Bruno Leibundgut lectured at UP

The European Southern Observatory (ESO) and its research subjects were the topic of the talk at the UP Faculty of Science by the former scientific director of this important astronomical observatory and a scientist of global renown, Bruno Leibundgut. The Swiss astronomer participated in the development of the world's most important telescope facility, the Very Large Telescope, and was a member of one of the teams that confirmed the accelerating expansion of the universe.

Manfred Frank visited Olomouc

On the invitation from the UP Faculty of German Studies at the UP Faculty of Arts, one of the most significant contemporary philosophers arrived in the Czech Republic, a student of H.-G. Gadamer and E. Tugendhat, Tübingen Professor Manfred Frank. He gave two lectures on the main area of his research activity: the theory of self-consciousness and the theory of language.

Charlier and Saaristo debated safety

The Olomouc meeting Health in Care hosted experts who debated the safety of medical care during humanitarian crises and armed



Lynn Hunt, one of the most famous historians in the world.

conflicts. Presentations were made by guests such as Benjamin Charlier, a representative of the International Committee of the Red Cross, and Panu Saaristo, Emergency Health Coordinator at the Geneva Secretariat of the International Federation of Red Cross and Red Crescent Societies.

Marconi presented findings on Lyme disease

A leading expert in the development of vaccinations, Richard Marconi from Virginia Commonwealth University in Richmond, VA, USA, attended the conference dedicated to the latest findings on the possibilities of therapy and prevention of Lyme disease.

Lynn Hunt opened the largest meeting of historians

Lynn Hunt, one of the most famous historians in the world, arrived on the invitation of Palacký University for the first time in the Czech Republic. Her lecture opened the 11th Congress of Czech Historians. The professor emerita of the University of California in Los Angeles spoke on the role of history in present times.

Yukitoshi Otani lectured at the Joint Laboratory of Optics

The Joint Laboratory of Optics at Palacký University and the Institute of Physics at the Czech Academy of Sciences was visited by Prof Yukitoshi Otani, Head of the Utsunomiya University Department of Optical Engineering. The Japanese specialist in the research of polarised light came to the Czech Republic for the first time.

Olympic winners instructed young swimmers

Triple Olympic medallist from Athens, Roland Schoeman, and fivefold Olympic winner from Athens and Beijing, Aaron Peirsol, trained with swimmers aged 12 to 16 years in the swimming school Keep Swimming Camp. The course was hosted by the BAL-UO Application Centre at the UP Faculty of Physical Culture.

Faculty of Physical Culture hosted Gregory J. Welk

A renowned expert on physical activity monitoring, Prof Gregory J. Welk from Iowa State University, came to visit the UP Faculty of Physical Culture. He negotiated the participation of the faculty in an international research into physical activities of children and youths. Welk is the scientific director of the FitnessGram programme for children and youth in the Cooper Institute in Dallas TX, USA.

Awards

Josef Jařab received the Senate Silver Commemorative Medal

Professor and translator Josef Jařab, the first UP Rector after the Velvet Revolution, was awarded the Silver Commemorative Medal of the Senate of the Parliament of the Czech Republic.

Prof Josef Jařab (b. 1937)

Professor emeritus at the Department of English and American Studies at the UP Faculty of Arts. His highly appreciated academic work has earned him honorary degrees from Mount Mercy University in Iowa, Moravian College in Pennsylvania, and the University of Durham in England. He was a visiting scholar at Harvard University. In the years 1997–1999 he was the rector of the prestigious Central European University in Budapest, Hungary.

Pavel Hobza was awarded the Schrödinger Medal

One of the world's most cited chemists, Pavel Hobza from the UP Faculty of Science and its Regional Centre of Advanced Technologies and Materials, received the prestigious 2017 Schrödinger Medal in Munich. The World Association of Theoretical and Computational Chemists (WATOC) awarded his outstanding work in the area of non-covalent interactions.

UP Honorary Degree for Heinrich Pompey

An important advocate of the European theology of charity, Heinrich Pompey received the degree of Doctor honoris causa at UP. The director emeritus of the Institute for Charity Studies and Christian Social Work at the University of Freiburg significantly contributed to the development of social work in Europe. In 2005, he helped establish the Department of Christian Social Work at UP's Sts Cyril and Methodius Faculty of Theology, which he headed for six years.

Student Jaroslava Šeflová received a Sanofi Award

The prestigious Sanofi Award for Pharmaceutical Research was brought to the UP Faculty of Science. Biophysics student Jaroslava Šeflová received the award from the hands of the Nobel Prize winner in chemistry, Jean-Marie Lehn.

Martin Soukup won the Neuron Prize

Martin Soukup from the Department of Sociology, Andragogy and Cultural Anthropology at the UP Faculty of Arts received the Neuron Prize for young scientists in the social sciences. He has been

studying the development of the Papua New Guinea population for many years.

Rector awarded UP medals

The Gold Medal for Merit in the Development of Palacký University in 2017 was awarded to Head Emeritus of the Department of Hemato-Oncology at the Olomouc University Hospital and UP Faculty of Medicine, Karel Indrák. UP Rector Jaroslav Miller appreciated his contribution to building a top-notch workplace at the faculty. The Gold Medal was also awarded to Head Emeritus of the Department of Neurology, Karel Urbánek, for many years of his scientific and educational efforts. Urbánek worked at the department for 50 years, being its head since 1991. The Silver Medal was handed to Professor and Vice-Rector Miroslav Mašláň for his long-standing work for the benefit of UP.

Aristides Bakandritsos from RCPTM won a prestigious medal

Chemist Aristides Bakandritsos from the Regional Centre of Advanced Technologies and Materials received a prestigious medal – the IAAM Scientist Medal. The International Association of Advanced Materials awards scientists who publish outstanding scientific findings in the field of material sciences.

UP Commemorative Medals in 2017 were awarded to (among others):

- » **Květoslava Princová**, the co-founder of the Department of Christian Social Work at UP's Sts Cyril and Methodius Faculty of Theology, and Charter 77 signatory;
- » **Zdeněk Fryšák**, Associate Professor at the Department of Internal Medicine III at the Faculty of Medicine and Dentistry, specialising in endocrinology research;
- » **Jaroslav Peprník**, Professor of English and American Studies at the UP Faculty of Arts;
- » **Armin Stolz** (photo), expert on comparative constitutional and administrative law, employed at the University of Graz and cooperating with the UP Faculty of Law.



Student Jaroslava Šeflová received a Sanofi Award.



Science and Research
at Palacký University

First non-metallic magnet, barley genome sequenced, and unique tools

Due to the quality of science, research, and creative output, Palacký University has been consistently one of the foremost universities in the Czech Republic. This has been made evident by the amount of public monies allocated to UP, including support for specific research and finances for development. A major achievement in 2017 was the contribution to the full barley genome sequencing and the verification of the functionality of quantum money. The university also succeeded in the important grant competition “Excellence in Research” and will receive €27 million in funding to support science and research.

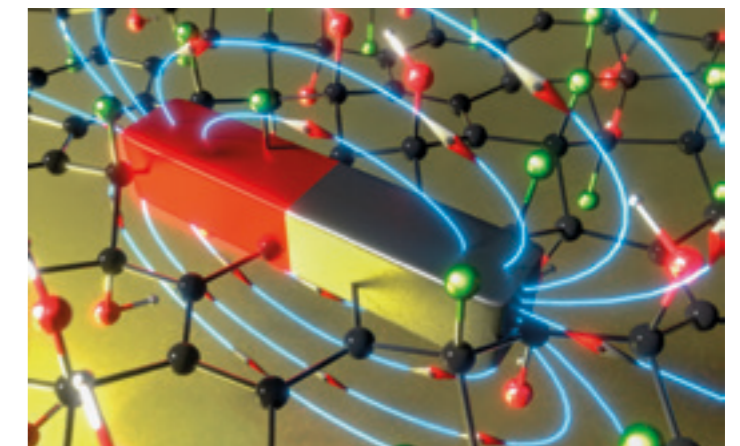
Scientists participated in barley genome sequencing

After ten years of endeavours, scientists have managed to decode the full genome sequence of barley, a cereal used as fodder for farm animals and in the production of beer and whiskey. The achievement was reported by the IBSC consortium and published in the journal *Nature*. Experts from the Institute of Experimental Botany at the Czech Academy of Sciences, who are partners of the Centre of the Region Haná for Biotechnological and Agricultural Research, have their share in the achievement.

The functionality of quantum money was verified

Scientists from the Joint Laboratory of Optics and the Regional Centre of Advanced Technologies at Palacký University Olomouc, in collaboration with their colleagues from Poland and Japan, worked on virtual quantum banknotes. Their efforts have resulted in a unique study, the first in the world to experimentally verify quantum banknotes and test the possibilities of their copy-protection.

The first non-metallic magnet developed



Scientists at the Regional Centre of Advanced Technologies and Materials (RCPTM) used graphene to prepare the first non-metallic magnet, one that retains its magnetic properties up to room temperature. They have disproven old beliefs, since all magnetic materials used until now have been based on metals or their compounds. The discovery has revolutionary potential in applications in biomedicine and electronics.

Drug used in the treatment of alcoholism can fight cancer

A team consisting of five foreign experts and scientists from the Institute of Molecular and Translational Medicine at the UP Faculty of Medicine and Dentistry, led by Prof Jiří Bártek, found out that a drug used in the treatment of alcoholism – disulfiram a/k/a Antabuse – has extraordinary effects in the treatment of cancer. Their work was published in *Nature*.

Conservation of endangered species

Scientists from the Centre of the Region Haná for Biotechnological and Agricultural Research are contributing to the conservation of endangered species of medicinal plants in South Africa. Within the auspices of the University of KwaZulu-Natal in Pietermaritzburg, Czech scientists have developed special derivatives of plant hormones that support plant acclimatisation in greenhouses.

Curbing infections during surgery improved

Determining infections in the vicinity of prostheses during an operation has been made possible by a new diagnostic method which was developed by experts from the Departments of Orthopedics and Immunology at UP in cooperation with the Department of Cybernetics and Biomedical Engineering at the Technical University of Ostrava.

A new construction plan for quantum computers

A new method of the construction of quantum computers was proposed by physicist Tomáš Opatrný from the Department of Optics at the Faculty of Science. In order to create a theoretical model of a quantum gate, he used the technology of the atomic clock, where information is processed as a continuous variable. The originality of his solution was confirmed by his article in *Physical Review Letters*.

Faster isolation of plant genes

Scientists from the Olomouc laboratory of the Institute of Experimental Botany at the Czech Academy of Sciences, which is part

of the Centre of the Region Haná for Biotechnological and Agricultural Research, developed a new method for easier isolation of plant genes in collaboration with partners from Switzerland and Great Britain. It contributes to saving money and time, more effective research, and faster cultivation of plants resilient to climate changes.

Magnetic separator developed by UP scientists

A unique laboratory device, unparalleled on the market, was developed by a research team from the Institute of Molecular and Translational Medicine at the UP Faculty of Medicine and Dentistry. The special separator, UniTrap, can be used for magnetic separation, magnetic particles research and laboratory diagnostics.

A book on the cuckoo debunks myths

Research results debunking some of the myths concerning the common cuckoo are summarised in the book *The Cuckoo – The Uninvited Guest*. One of its authors is Tomáš Grim from the UP Faculty of Science. The popular science publication was selected by the UK journal *BBC Wildlife* as “Book of the Month”.

Olomouc neurosurgeon developed a unique implant

A less-invasive approach during the implantation of intervertebral disc replacements, quicker relief from pain, and more reliable healing of bone – these are the assets of a unique implant, developed by Professor Lumír Hrabálek from the UP Faculty of Medicine and Dentistry.

Anaesthetics have effects on plants

Anaesthetics used in human and veterinary medicine have a very similar effect on plants. This has been confirmed in a study by an international scientific team, including biophysicist Andrej Pavlovič from the Centre of the Region Haná for Biotechnological and Agricultural Research. Thanks to the findings, plants could be used for instant testing of substances with anaesthetic effects.



Prof Jaroslav Doležel is also engaged in exploring the barley and wheat genomes.

UP publication output in 2017 – represented disciplines according to WoS and SCOPUS

WoS InCites		Scopus	
Field	Number	Field	Number
PLANT SCIENCES	96	MEDICINE	255
PHYSICS, PARTICLES & FIELDS	87	BIOCHEMISTRY, GENETICS AND MOLECULAR BIOLOGY	249
BIOCHEMISTRY & MOLECULAR BIOLOGY	73	PHYSICS AND ASTRONOMY	210
CHEMISTRY, MULTIDISCIPLINARY	70	AGRICULTURAL AND BIOLOGICAL SCIENCES	194
ONCOLOGY	42	CHEMISTRY	193
CHEMISTRY, PHYSICAL	37	MATHEMATICS	117
ENVIRONMENTAL SCIENCES	36	ENGINEERING	106
MATERIALS SCIENCE, MULTIDISCIPLINARY	36	COMPUTER SCIENCE	104
ASTRONOMY & ASTROPHYSICS	29	SOCIAL SCIENCES	101
ECOLOGY	26	ENVIRONMENTAL SCIENCE	86
CHEMISTRY, ANALYTICAL	23	MATERIALS SCIENCE	73
NANOSCIENCE & NANOTECHNOLOGY	23	PHARMACOLOGY, TOXICOLOGY AND PHARMACEUTICS	65
PHYSICS, NUCLEAR	16	CHEMICAL ENGINEERING	62
CHEMISTRY, INORGANIC & NUCLEAR	14	EARTH AND PLANETARY SCIENCES	55
UROLOGY & NEPHROLOGY	6	HEALTH PROFESSIONS	42

WoS InCites – 5 most cited fields for UP publications	
Field	Number of citations
PHYSICS, PARTICLES & FIELDS	175
CHEMISTRY, MULTIDISCIPLINARY	137
PLANT SCIENCES	91
ASTRONOMY & ASTROPHYSICS	66
MATERIALS SCIENCE, MULTIDISCIPLINARY	46

UP publication outputs according to WoS and SCOPUS in terms of the document type

WoS (Core Collection)		
Document type	Number of publications 2016	Number of publications 2017
Article	932	1034
Review	53	56
Proceeding Paper	99	55
Meeting Abstract	82	100
Editorial Material	12	17
Letter	9	12
Book Chapter	8	16
Book Review	2	10
Corrections	-	7

Scopus		
Document type	Number of publications 2016	Number of publications 2017
Article	1073	1026
Review	77	68
Article in Press	67	67
Conference Paper	52	63
Letter	11	15
Book Chapter	9	8
Editorial	8	6
Note	8	6
Erratum	6	5
Short Survey	1	2

Most cited UP articles in academic periodicals in WOS InCites

Periodical	Rankings	Number of documents in the database	Number of citations
EUROPEAN PHYSICAL JOURNAL C	1	31	108
PHYSICS LETTERS B	2	10	37
CHEMICAL REVIEWS	3	1	23
NATURE COMMUNICATIONS	4	11	22
ULTRASONICS SONOCHEMISTRY	5	1	16
JOURNAL OF HIGH ENERGY PHYSICS	6	30	15
CHEMICAL SOCIETY REVIEWS	7	2	14
ASTROPHYSICAL JOURNAL LETTERS	7	3	14
NANOSCALE	9	4	11
JOURNAL OF THE AMERICAN SOCIETY OF NEPHROLOGY	9	1	11
JOURNAL OF EXPERIMENTAL BOTANY	9	3	11
COORDINATION CHEMISTRY REVIEWS	9	3	11
SCIENCE OF THE TOTAL ENVIRONMENT	13	6	10
INORGANIC CHEMISTRY	13	3	10
FRONTIERS IN PLANT SCIENCE	13	9	10

The most prestigious publications (by IF – impact factor) authored or co-authored by UP employees in 2017

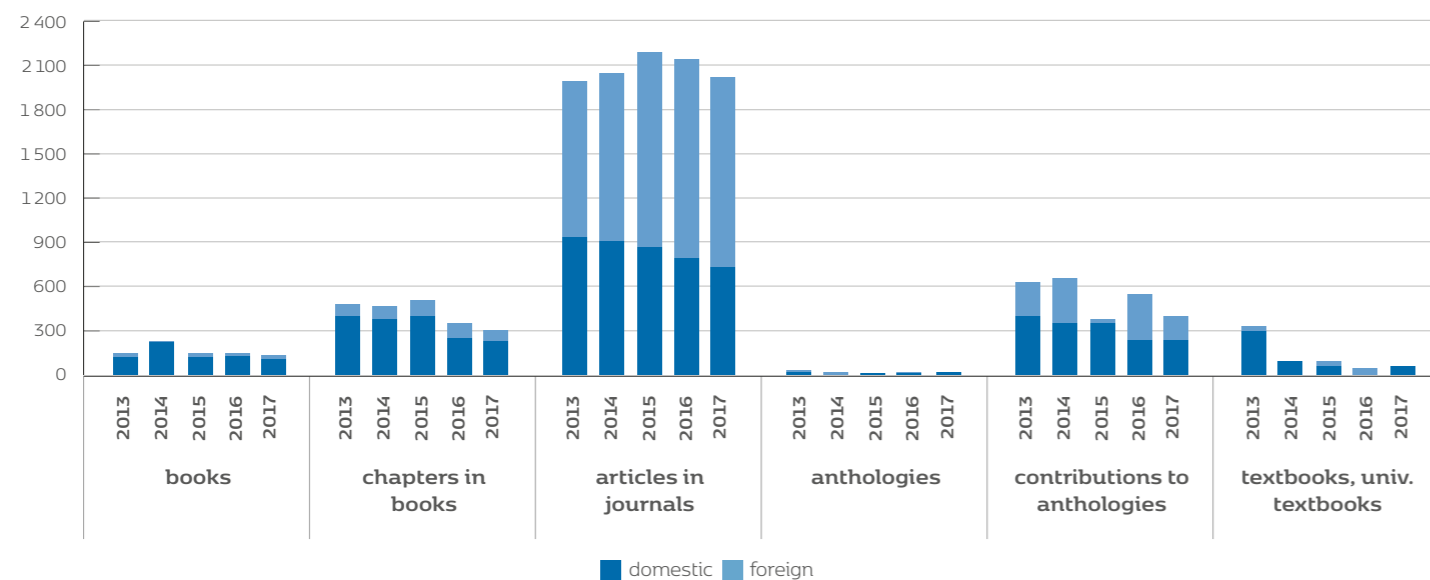
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* Atlas Collaboration



This magnetic separator was developed by the scientific team led by Karel Koberna.

Domestic and foreign publication activity



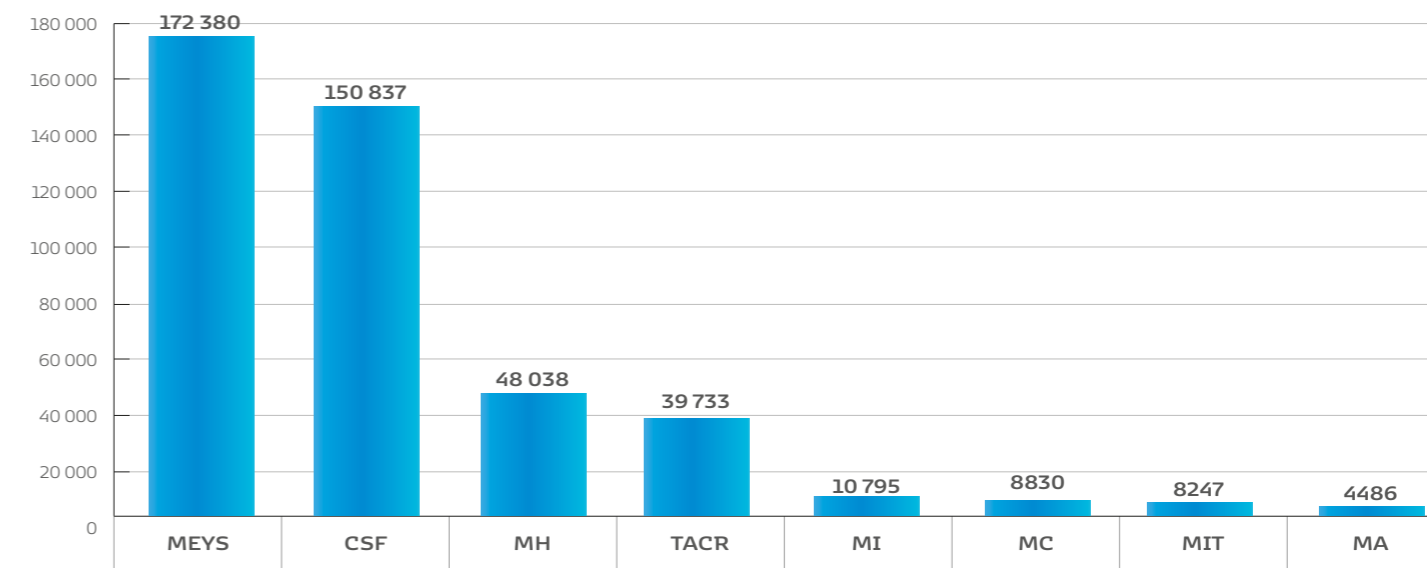
Support programme funds for research, development, and innovation awarded in 2017

These are support programme funds for UP projects in 2017. The amount for the investigation of 232 projects, 161 of which UP is a main co-investigator, was 443,346 thousand CZK (€17,051,500); in 2016 it was 399,809 thousand CZK (€15,377,270). The largest number of UP projects were realised thanks to the Czech Science Foundation. Compared to the year 2016, it meant support grew by more than 43 million CZK (€1.7 million).

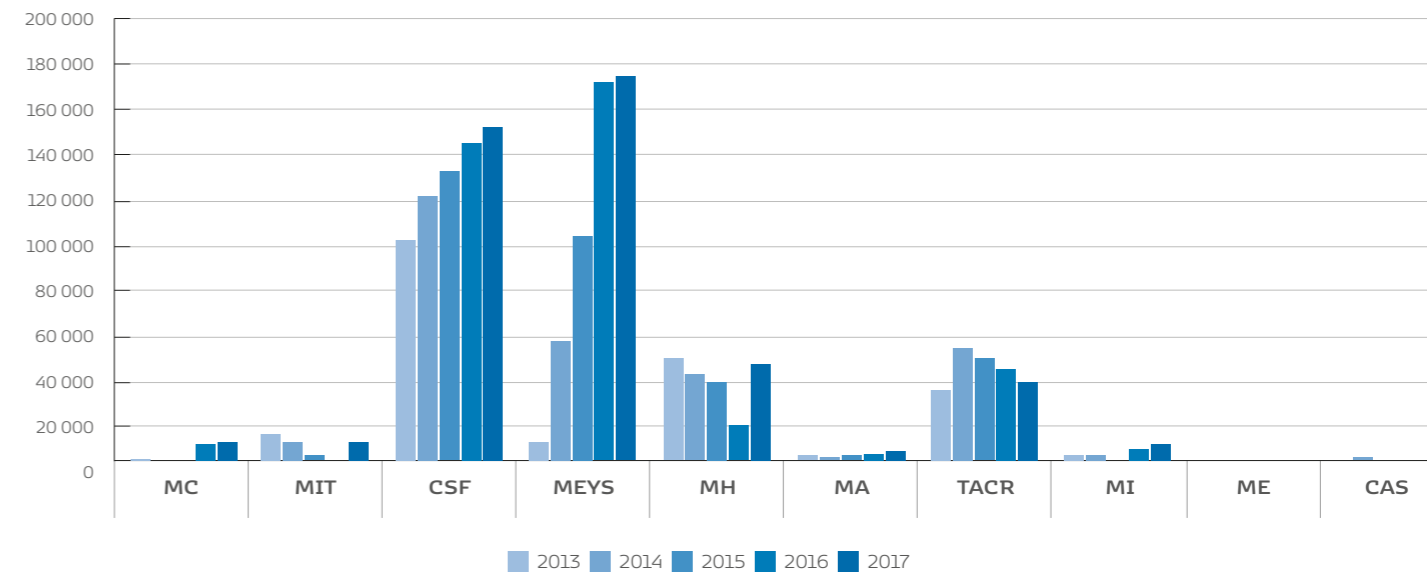
Sums for financed projects in 2017, where UP is the co-investigator or investigator + finances from the Czech state budget only for UP (in thousands CZK)

Provider	Total for the project	for UP
The Ministry of Education, Youth and Sports of the Czech Republic (MEYS) 40 projects	455 086	172 380
The Czech Science Foundation (CSF) 115 projects	245 813	150 837
The Ministry of Health of the Czech Republic (MH) 40 projects	113 307	48 038
The Technology Agency of the Czech Republic (TACR) 14 projects	153 717	39 733
The Ministry of the Interior of the Czech Republic (MI) 4 projects	18 071	10 795
The Ministry of Culture of the Czech Republic (MC) 4 projects	20 696	8830
The Ministry of Industry and Trade of the Czech Republic (MIT) 7 projects	19 628	8247
The Ministry of Agriculture of the Czech Republic (MA) 8 projects	22 263	4486
Total 232 projects	1 048 581	443 346

Comparison of the size of the specific support for UP in 2017 (in thousands CZK)

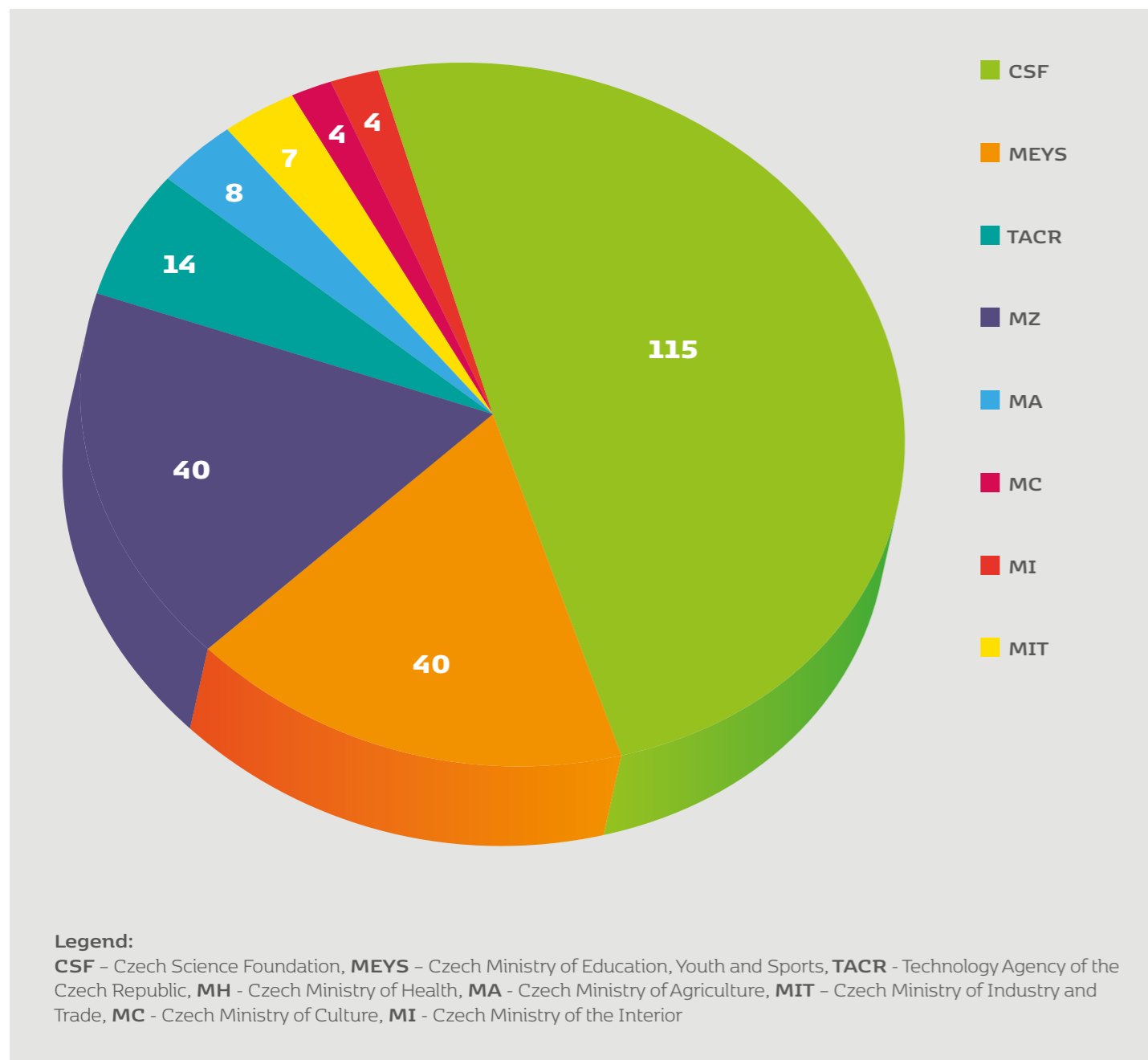


Development of support for research activities at UP (in thousands CZK)



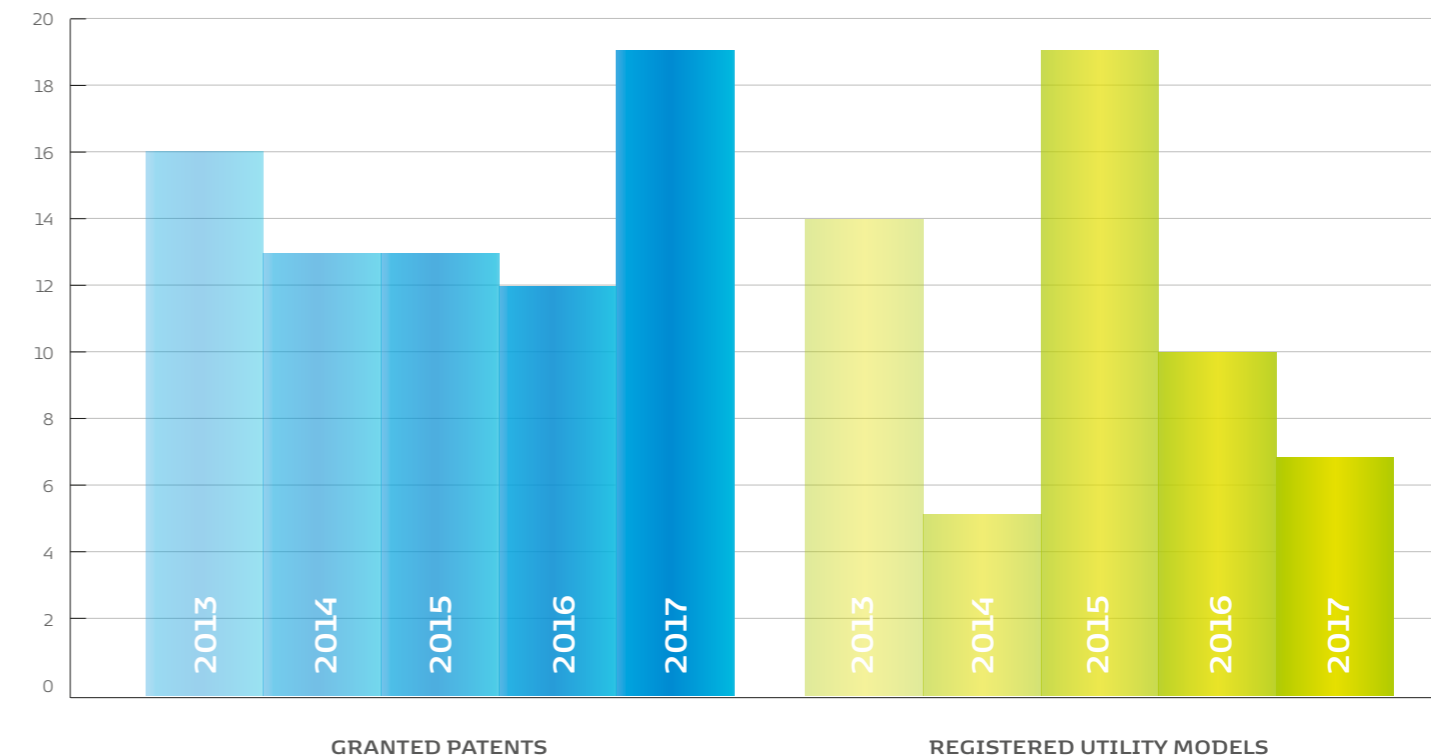
MC: The Ministry of Culture of the Czech Republic, **MIT:** The Ministry of Industry and Trade of the Czech Republic, **CSF:** The Czech Science Foundation, **MEYS:** The Ministry of Education, Youth and Sports of the Czech Republic, **MH:** The Ministry of Health of the Czech Republic, **MA:** The Ministry of Agriculture of the Czech Republic, **MI:** The Ministry of the Interior of the Czech Republic, **TACR:** The Technology Agency of the Czech Republic, **ME:** Ministry of the Environment of the Czech Republic, **CAS:** The Academy of Sciences of the Czech Republic

Number of projects and the structure of the aid providers of support for UP in 2017



Patents granted and utility models registered

In 2017, altogether 19 patents were granted, which is the most since 2003. In addition to this, 7 utility models were also registered. Significant increases in the number of granted patents also occurred in the years 2009, 2010, and 2013.



Palacký University Placed in the Shanghai Ranking for the First Time

In recent years, Palacký University Olomouc has repeatedly scored in prestigious international rankings comparing global universities. The rankings assess the academic and scientific performance of universities on the basis of data from the Web of Science databases, in the majority of cases also assessing the quality of teaching, internationalisation in the university, cooperation with industry and the non-academic sector, etc. An important component is the given university's reputation in science, research, and teaching.

UP appeared in ARWU, THE World University Rankings, and QS World University Rankings

In 2017, Palacký University was placed on the prestigious Academic Ranking of World Universities (ARWU, or Shanghai Ranking) for the first time, entering between the 601st and 700th places. Thanks to that, UP is now placed in the rankings of the "Big Three": the Shanghai Ranking, THE World University Rankings, and QS World University Rankings. In the Shanghai Ranking, universities are ranked in selected science disciplines. Olomouc's university placed highest in the natural sciences. Its best placements were in physics and agricultural science (between 201st and 300th positions). UP also placed in biological sciences (301st to 400th) and in chemistry, environmental sciences, and pharmaceutical science (401st to 500th positions).

UP confirmed its positions in THE World University Rankings

UP Olomouc entered the THE World University Rankings for the first time in 2015. In the 2016–2017 rankings, UP placed between the 601st and 800th positions. The same placement was achieved in 2017–2018. Palacký University, however, improved its score in 10 out of 13 indicators, and in comparison with other Czech universities, it stepped up from the fourth to third position. The rankings have been published since 2010 by the British journal *Ti-*

mes Higher Education. They focus on the universities' evaluation in the areas of education quality, science and research, citations, international outlook, and industry collaboration.

U.S. News: more universities, nevertheless UP scores higher

Affiliation with the world's best universities was also confirmed by the American journal *U.S. News and World Report*, which compiles the highly regarded U.S. News Best Global Universities Rankings. In 2017, even though the number of universities in the pool increased from 750 to 1250, UP moved up 15 positions to the 479th position. In botany and zoology, UP reached the 139th position in the world. Olomouc's university was in the top 300 in chemistry (286th), in physics (301rd), and in biology and biochemistry (both 396th).

Further improvements in the CWUR Rankings

The ranking of top global universities published by the Center for World University Rankings (CWUR) lists Palacký University at the 600th position. In the comparison of Czech universities, it placed second after Charles University as in the previous year. UP, the oldest university in Moravia, improved 58 positions compared to 2016, leaving its compatriots Czech Technical University and Masaryk University behind.

Global Rankings

UP in global rankings			
Ranking	Position in 2015	Position in 2016	Position in 2017
QS Emerging Countries and Central Asia Ranking	71 st –80 th	64 th	59 th
U.S. News Best Global Universities Rankings	473 rd	494 th *	479 th
CWUR – The Center for World University Rankings	724 th	658 th	600 th
ARWU – Academic Ranking of World Universities	X	X	601 st –700 th
QS World University Rankings	X	651 st –700 th	651 st –700 th
THE World University Rankings	501 st –600 th	601 st –800 th	601 st –800 th
* The structure of monitored indicators was changed.		<i>Source: The rankings' websites</i>	





UP Science and Technology Park

The UP Science and Technology Park (UP STP) is a place for business growth, offering a bridge between the scientific and business worlds since the year 2000. It provides office and production spaces for rent, consultation services, and supports commercial use of UP expertise. It also operates a specialised workplace with 3D printing and numerical computation.

UP STP in 2017 in numbers:

- 45** tenants
- 92%** occupancy
- 161** employees
- 52** requests for measuring and research
- 40** offers
- 21** realised contracts
- 6** acquired innovation vouchers
- 1** community UP Business Club with 54 members
- 23** participants in the Podnikavá hlava (Enterprising Mind) competition
- 604** subjects which are the intellectual property of Palacký University
- 98** registered industrial property rights, 10 marketing studies, and assistance with 7 applications
- 10** proof-of-concept projects, 4 of them new
- 8** educational events for entrepreneurs, with 395 participants

Structure of the UP STP

UP STP is headed by a director, who is managed by the UP Vice-Rector for Transfer Technologies. UP STP is divided into three parts: Business Support; Transfer Technologies; and the Competency Centre, with UPrint 3D in the lead.

The Business Support division helps beginning entrepreneurs to jump-start businesses with unique ideas and goals. It is building a community of business people in the form of the UP Business Club. It provides rental space to new and innovative firms (offices, laboratories, pilot plant facilities, co-working, virtual office). It runs educational and networking events aimed at personal and commercial growth. It offers rental space and consultation services by consultants and mentors at affordable prices and for free (UP Business Catapult).

The Transfer Technology division manages UP intellectual property. It is engaged in the development of projects of commercial interest, making use of university science and research findings. It provides commercial collaboration with firms in the areas of contracted research, research on commission, and on the basis of licensing agreements. It supports establishment of firms made up of university employees, making use of the results of research and development. It provides project support for academics and firms.

Its premier showcase, UPrint 3D, the largest industrial 3D print centre in Moravia, offers 3D printing (from plastic, polymers, metal powder, and paper) and 3D scanning. The numerical modelling workplace provides simulation in the program ANSYS Multiphysics on an SGI UV2000 machine including rental of computer time. UP STP is a member of several professional associations and networks (Enterprise Europe Network, Czech Innovation, Science and Technology Parks Association Czech Republic, the National Cluster Association, Transfera.cz, Association of Innovative Entrepreneurship Czech Republic).

UP STP activities in 2017

Business Support division

The UP Science and Technology Park offers 4083 m² of space for rent for business operations in three buildings.

Benefits of leasing at UP STP:

- reputation, facilities, equipment, location and UP expertise;
- excellent accessibility by car and public transport, free parking;
- easy connection to the city ring road and the D1 motorway Prague–Brno–Ostrava;
- conference rooms for short meetings and favourable rental rates for training rooms;
- relaxation zone, co-working;
- advice by UP STP consultants and external mentors;
- regular seminars and workshops in the UP STP spaces;
- a community of business people;
- reception services (printing, binding, coffee, refreshments and newspapers);
- 24/7 access to the building, CCTV system, security service, cleaning service;
- possibility of dining in the complex.

Types of premises available for lease:

- virtual office – company headquarters;
- co-working 24/7 and co-working mini;
- office spaces;
- production spaces for small manufacturing;
- laboratories;
- classroom with all-inclusive refreshments (coffee/tea provided for free).

As of 31 December 2017, UP STP had 45 lease holders occupying 3567 m², representing 92% total occupancy. The firms employ 161 people.

2017 Enterprising Mind competition

The competition for the best business plan helps find and reward the best ideas. Dozens of competitors take part in it each year. UP STP consultants help competitors to prepare their competition entries, and also with creating their business plans. From their ranks, a jury of experts selects the ten best to go to the finals. They then help the finalists with developing their business plans.

UP Business Club

An inspiring community, whose members are entrepreneurs – not only from the ranks of students – and businesspeople. It forms a link between the academic and corporate spheres that should help not only UP students in development, but also bring new creative ideas to Olomouc businesspeople. The Business Club organises educational and networking events. During 2017 it held 8 events for 395 participants, made up of students and business people alike.

UP Business Camp 2017

This conference about the road to a successful business is the annual apex of UP STP activities in the area of personal development and business support. Conference participants in 2017 had the opportunity to take a look under the banana peel of businesses within the auspices of the campaign Fair Bananas and see an exhibition about working conditions on banana plantations.

Technology Transfer division

Business development – searching for commercially interesting results at UP and their promotion

UP workplaces were given help with submissions for innovation vouchers from OP PIK (the Operational Programme “Entrepreneurship and Innovation for Competitiveness”). For selected research results by the Centre for the Region Haná for Biotechnology and Agricultural Research and the Institute of Molecular and Translational Medicine, UP STP created promotional materials, videos, web pages, and product information sheets in cooperation with the authors. It also helped UP technology scouts to analyse the commercial potential of their workplaces.

UP STP also mediated requests for measuring on the following machines: an Amplival light microscope, a DC-2000B ultrasonic thickness gauge with a PT-06 probe, a scanning electron microscope, a GSSI SIR-3000 Georadar, a Tecan Infinite M200 Microplate Read-



UP Science and Technology Park reception desk.



Examples of 3D printing at UPrint 3D.

er, a Radim 3A, and a Cyclone Plus Storage Scanner. **In total, UP STP had 52 commissions, of which 21 were commercial. It provided 62 hours of expert consultations.**

Proof-of-concept Projects

UP STP continued in proof-of-concept projects at verifying and preparing commercial application of selected research results with the support of the programme GAMA TG01010080 of the Technology Agency of the Czech Republic. Two technologies were licensed: UniTrap, to the firm LABICOM; and TouchMaps to the TyfloCentrum Olomouc group.

Administration of UP intellectual property

The UP Science and Technology Park has more than 573 UP intellectual property items registered in its database, of which 221 have been protected by industrial laws currently in effect; specifically 132 patents and 64 utility models. The rest are considered industrial designs and trademarks. A total of 43% of the university's intellectual rights are protected abroad. Another 98 technical solutions have been filed for protection, but have not yet been granted industrial rights.

Project support

- **Innovation Vouchers.** Promotion of the start-up Innovation Vouchers within the call by the Operational Programme "Entrepreneurship and Innovation for Competitiveness Innovation". UP STP assisted in 6 vouchers with a total value of 1,845,000 CZK (€71,730).
- **International projects.** The UP STP team went through the second round of the tender for "Building Capacity for Transfer Technologies" within the auspices of the project PROGRESS-TT. Together with other UP representatives, they were schooled in the given field and made contacts with foreign transfer technology offices (Bristol, Manchester, Sheffield, and Cambridge). The project was supported by the European grant "Horizon 2020". Applications were submitted for projects under the auspices of the Visegrad Fund and the Erasmus+ programme.
- **Project – Transfer Technologies Team at UP.** It shared in preparations and took part during the course of the pan-university project Operational Programme of Research, Development and Education "Building of Expert Capacities – Transfer Technologies", under the title "Transfer Technologies Team at UP". This resulted in training staff and doctoral students at UP within the course Essential Knowledge of Protecting Intellectual Property Protection and Commercialisation.

Specialised workplaces

UPrint 3D – 3D printing and scanning workplace

One of the largest workplaces of its kind in Moravia, offering its services in 3D printing, 3D scanning, advice, and project support to firms and to university workplaces. It has become the first choice for realisation of 3D printing for people from the greater Haná region and beyond who no longer need to purchase expensive professional technology nor hire specialists in additive manufacturing out of pocket. UPrint 3D offers printing from diverse materials (metal, paper, plastic, photopolymers). The staff of UPrint 3D suggest suitable materials with suitable properties and help customers to accommodate the desired model for 3D printing. The workplace also offers 3D scanning of objects' surfaces and textures.

3D digitalising

It allows scanning of a component and rendering its 3D model. UP STP offers precise scanning of small and medium-sized objects with an accuracy down to 0.08 mm, and scanning (including textures) with an accuracy down to 0.35 mm. It is also suitable for scanning damaged or broken parts for the creation of a reconstructed model.

Numerical Simulations workplace

UP STP has a High Performance Computing and Numerical Simulations workplace, which offers a unique computations SGI UV2000 server intended for especially for complicated numerical simulations. Thanks to the NUMalink® 6 architecture, it has 128 cores and 1 TB RAM within one machine, on which it is possible to run one's own software, and/or ANSYS Multiphysics.

UP STP – comparison between 2016/2017		
	2016	2017
Occupancy (%)	84	92
Number employed in lessees' firms	155	161
Offers	34	40
UP intellectual properties	542	604

UP Accommodation and Dining Facilities in 2017

2017 at the UP Accommodation and Dining Facilities (UP ADF) was marked by typically continuous improvement of leading indicators in dining services. In August, the important event Czech National Youth Meeting took place in Olomouc with 6,000 people, and UP ADF provided the accommodation and dining services for it, the biggest event it has ever catered in its history. UP ADF carried out its services under its adopted motto – A Good Place for Studies and Life.

Continued interest in the dorms, canteen under reconstruction

Almost 5,000 applications for accommodation were accepted in the beginning of the academic year 2017/2018 by the UP Accommodation and Dining Facilities. Students prefer the campuses in Neředín and Envelopa. The main canteen on 17 Listopadu Street will undergo substantial renovations in 2018.

Record meeting of heads of accommodation and dining

The traditional meeting of heads of Czech university accommodation and dining facilities was organised by UP ADF in the Bouzov Hotel, in the village of the same name, beneath Bouzov Castle. The meeting was highly praised by those who took part in record numbers.

New web pages in English

UP ADF completed their new web pages, including an English version. Users of the UP ADF website have rated it as transparent, rich in information, and useful for UP students, which has been proven by research into satisfaction with living at UP dorms. Part of its web includes a 3D tour of most of the dormitories and dining halls at UP. UP ADF is also on Facebook and Instagram.

FreshUP bistro opened at the Faculty of Science

At the beginning of the 2017/2018 academic year, the UP canteen (Menza) opened up a new bistro in the vestibule of the Faculty of Science: FreshUP. The foundation of the UP bistro is the assortment of its own products – “Fresh Menza” salads (fruit and vegetable), its own müsli, sandwiches, and breads. The bistro is looking forward to being popular with students, UP employees, and guests alike. Other UP faculties have expressed interest in the format.

Unexpected increase in meals served

In October 2017, the UP canteen recorded an unexpected increase in the number of meals served. Altogether, the university dining halls served a total of 91,164 meals, an increase of 13,470 meals or 17.3% in comparison with October 2016.

Students, cooperation

- UP ADF traditionally is involved in the Gaudeamus University Fair and both UP Open House Days. During the UP Open House Days, it presented its accommodation and dining services. It opened its canteen to visitors with typical meals at student prices.
- Erasmus Czech It Out – UP ADF further supported informal talks with newly entering ERASMUS students to help make their adaptation to extra-curricular life at UP smoother and



Accommodation and Dining at UP

co-produced these events in conjunction with UP Dormitory Board.

- UP ADF continued in its support of student organisations: opening the Freeshop of the Sustainable Palacký initiative; trial operations of separating waste at the Bedřich Václavek dormitories; and contributing to the viability of the Václavka communal garden at the Bedřich Václavek dormitories.
- The MEET UP event for new students took place for the first time at the Envelopa campus.

Canteens, dining, dining services

- Permanent emphasis on quality of ingredients bought, and a preference for quality over price;
- purchase and installation of new dishwashing machines at the Holic canteen in late 2017 – early 2018;
- establishing an auction purchasing system for ingredients for catering and dining;
- preparing the canteen for general reconstruction, beginning in May 2018;
- 2nd year of the Punch with the Rector event – with respect to the significant increase of visitors compared to 2016, this event has definitely taken root at UP.

Dormitories, accommodation, accommodation services

- Establishing a wi-fi network at the largest UP dormitories, Bedřich Václavek;
- 6 new lifts at UP campuses;
- completion of an extension, renovation, and furnishing of the fitness centre at the Envelopa campus (Generál Svoboda dormitory);
- new ISIC card functions which replace the old dormitory ID;
- realisation of further stages in the project of

developing the surroundings of the dormitory in Chválkovice – planting more trees, establishing a wild flower meadow;

- supplementing the sales assortment at university dormitory reception desks with “Fresh Menza” products.

Participation of UP ADF at events (a selection of the most significant):

- AFO (Academia Film Olomouc);
- UP Májales – Student May Celebrations;
- Olomouc Half-Marathon;
- Czech Debating Society;
- Olomouc Baroque Celebrations;
- Summer School of Slavonic Studies – UP Faculty of Arts;
- Summer School for Foreign Students – UP Faculty of Education;
- UP Sporting Days;
- UP ADF Pétanque Tournament;
- European Academic Championships in Table Tennis;
- Czech National Youth Meeting;
- SDRUK – National Meeting of Librarians in Olomouc;
- Těloolomouc – Annual Meeting of Physical Education Teachers;
- Physics Teachers’ Idea Fair;
- World Championship in Trampoline Jumping;
- Punch with the Rector.

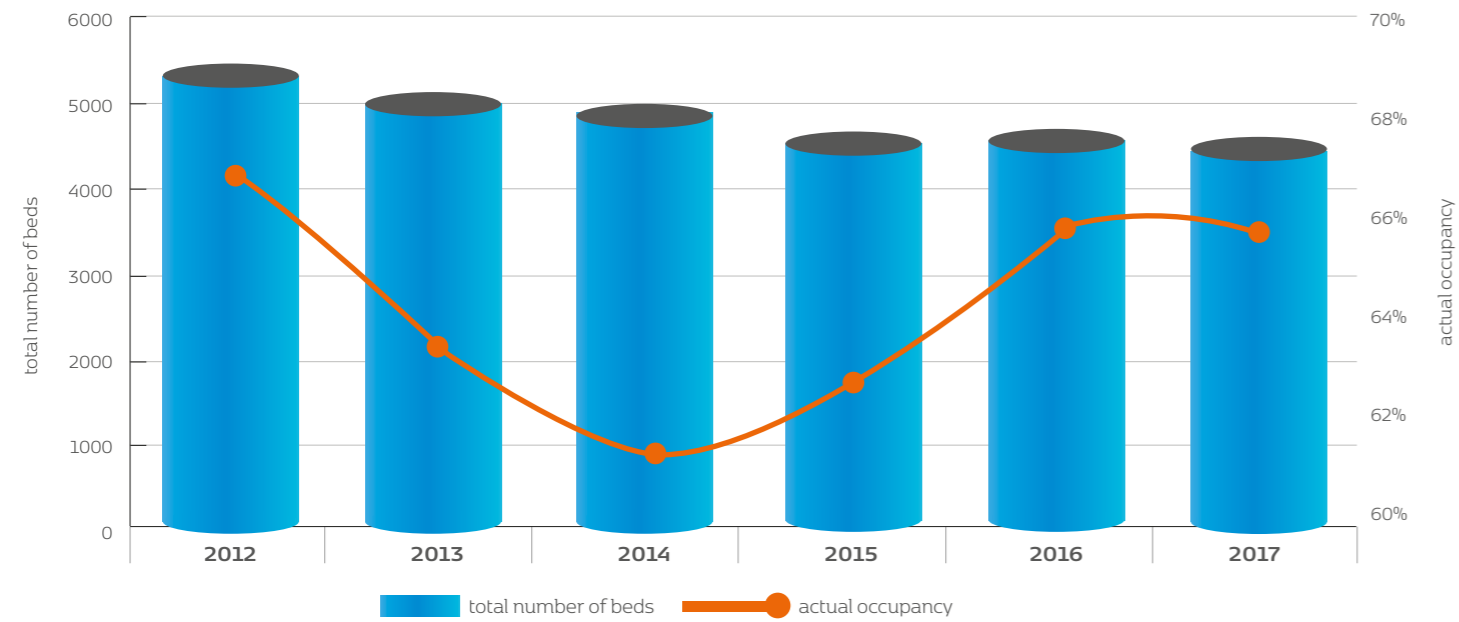
Public procurements

During the course of the year, UP ADF realised public contracts for small purchases to a total of 8.1 million CZK. The amount of small purchases for furnishing dormitories came to roughly 1 million CZK.

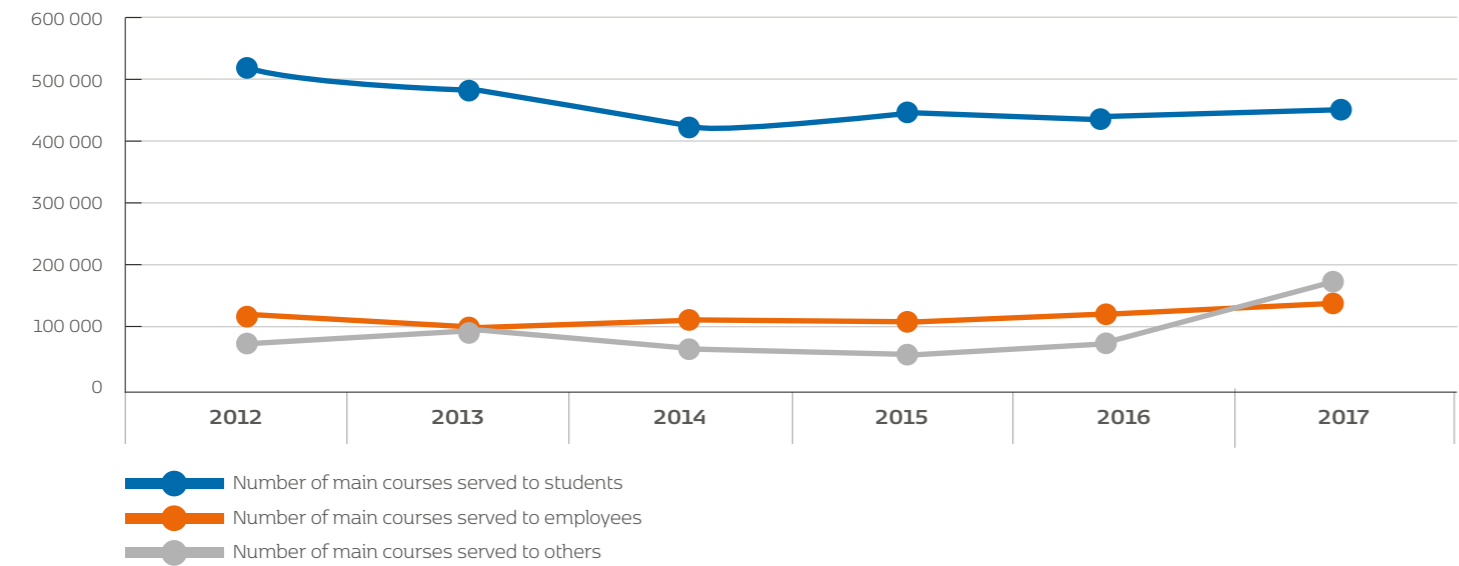


The Neředín Canteen at the UP Faculty of Physical Culture.

Dormitory bed capacity use, 2012–2017

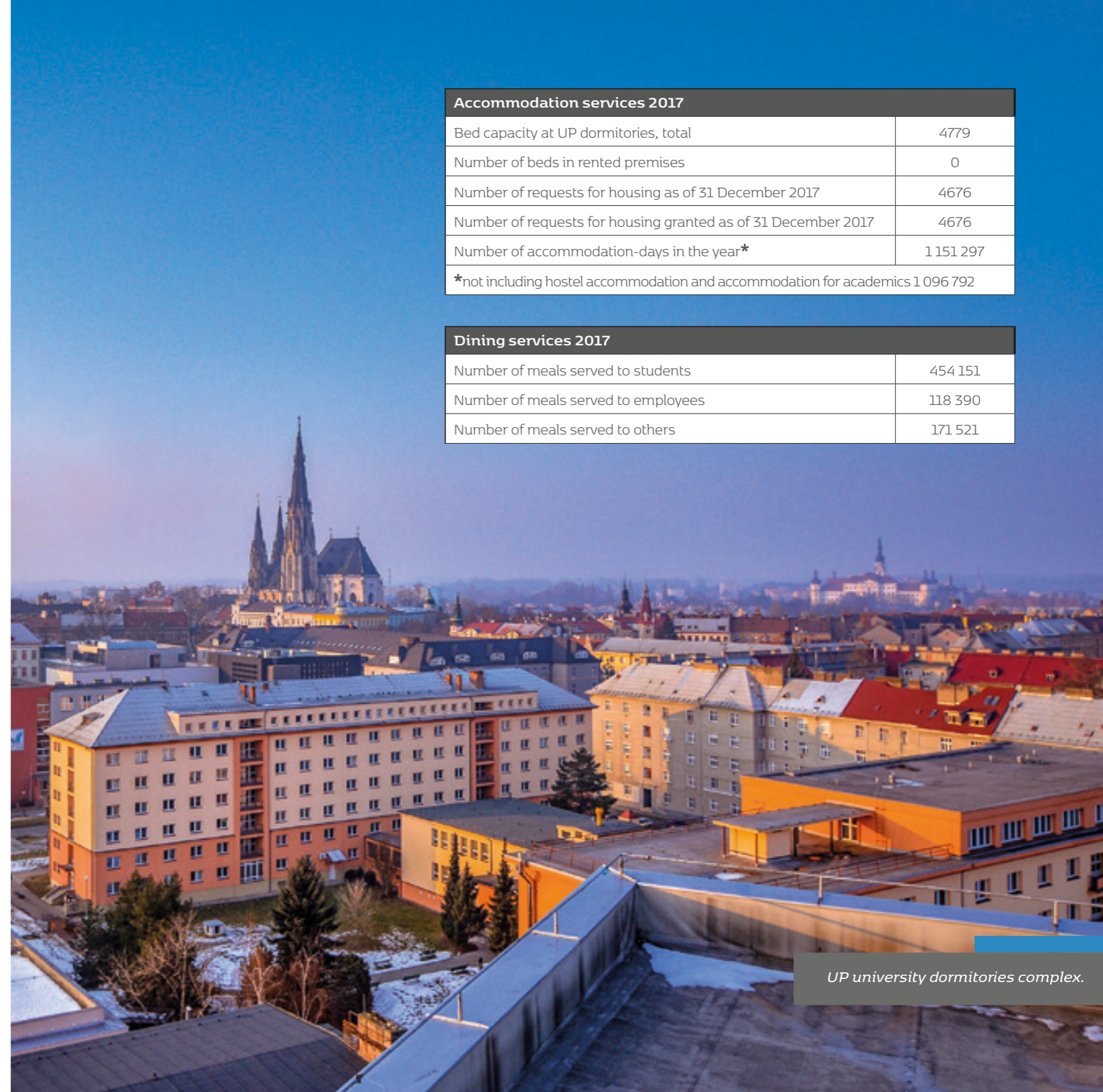


Number of meals served by group, 2012–2017



Accommodation services 2017	
Bed capacity at UP dormitories, total	4779
Number of beds in rented premises	0
Number of requests for housing as of 31 December 2017	4676
Number of requests for housing granted as of 31 December 2017	4676
Number of accommodation-days in the year*	1 151 297
*not including hostel accommodation and accommodation for academics 1 096 792	

Dining services 2017	
Number of meals served to students	454 151
Number of meals served to employees	118 390
Number of meals served to others	171 521



UP university dormitories complex.



Sustainable University

The university ought to set the example

The transition to sustainable development is one of the greatest challenges to society in this century, and the university ought to strengthen its societal responsibility in this goal by innovations and supporting environmentally acceptable behaviour. This is why for example Sustainable Palacký, a student initiative, was founded to promote these principles in cooperation with UP management.

Sustainable Palacký

Two dozen active members from diverse faculties organise screenings of documentary films on the themes of responsible consumption, hold panel discussions, go on excursions, and hold clothing swaps where students can exchange clothes. They are also working on systemic changes in the way the university operates – for example, waste management.

Another goal of the initiative is to inspire other universities, public institutions, and individuals. Successful and long-term projects by the initiative include the Freeshop, the food sharing platform Free-Food, a project to fill PET bottles with free tap water in the city FILL 'ER UP, and the Václavka dorm community garden.

Better waste separation at dormitories

One of the initiative's long-term projects is better waste separation and sorting at dormitories. Answers to questionnaires indicated that students would be aided to better waste separation by sets of bags for sorting different kinds of waste. Initiative members were equipped with over a hundred sets of recycling bags and distributed them to students at the Bedřich Václavek dormitories under the auspices of a pilot project. A follow-up questionnaire showed that thanks to the bags, 37% more students participated in recycling.

The World on Your Plate festival

Sustainable Palacký, in cooperation with the Glopolis analytical centre and the Institute of Experimental Botany of the Czech Academy of Sciences, organised the film festival The World on Your Plate for the first time, the main goal of which was to broaden public aware-

ness of the problems of food waste, food safety, the negative impacts of intensive agriculture, and the loss of arable lands due to sprawl.

Spring Cleaning: 810 kg of trash

In April, the initiative organised the second annual spring cleaning of Olomouc under the auspices of the national event Clean Up the World, Clean Up Czechia. Some forty volunteers cleaned up 810 kilos of trash.

Freeshop

In 2017, Sustainable Palacký opened a student Freeshop at the Bedřich Václavek dormitories, where students can leave things they no longer need for those who might find uses for them. The most common items are clothing, kitchen utensils and tableware, and books. The goal is not only to reduce dormitory waste, but also to strengthen solidarity between students and to make study stays easier for foreign students.

UP Volunteering Centre

The only volunteering centre established by a Czech university. The development of volunteering is supported in collaboration with students, university employees, and other subjects.

UP Bike

The UP Bike initiative supports cycling as urban public transport. Within the project Ride2sCool, UP students accompany Olomouc pupils on their bikes on their way to school.



The pilot project for recycling bags has significantly increased the number of students who recycle at UP dormitories.



Construction and Renovation:

The University Influences the Look of the City

BALUO Application Centre: Building of the Year

Every two years, the Olomouc Region awards the best new buildings constructed within its territory, including some at Palacký University. The BALUO Application Centre at the Faculty of Physical Culture won first prize in the category of Buildings for Civilian Purposes and Improvement of Public Spaces, and the architects of the interactive museum Fort Science won honourable mention.

The BALUO Application Centre is a unique science and technology park, aimed at promoting a healthy lifestyle, the prevention of lifestyle diseases, and optimisation of physical activity. Fort Science, which was built from a former powder house in the Crown Fortress in the centre of Olomouc, was opened in 2015, and it won Honourable Mention in the category of Renovation and Revitalisation.

Modernisation of the physical education clinic

The Department of Exercise Medicine and Cardiovascular Rehabilitation of the University Hospital Olomouc and the UP Faculty of Medicine and Dentistry has undergone huge improvements. Thanks to investments of nearly 5 million CZK (€195 thousand), the building is now handicapped-accessible, has a comfortable surgery and waiting room, and even an outside lift.

Unique find in the Faculty of Arts courtyard

A slate slab with an engraving of a male figure holding a crucifix was found by archaeologists in the courtyard of the Faculty of Arts during renovations at the building located at no. 10 Křížkovského Street. The engraving is from at least the mid-10th century CE.

Renovation of the UP Field House

Insulation and new glass in the foyer were completed in the first stage of improvements to the UP Field House in autumn. Construction costs came to nearly 300 million CZK (11.6 million EUR). The UP Field House serves as a sports learning facility for UP students studying or taking an interest in athletics, and also for training and matches of the UP Volleyball Team and UP Sporting Club.

The Faculty of Law prepares construction of a new wing

The new wing of the Faculty of Law will be the largest building investment in the modern history of the faculty. Its construction in 2019 will be made possible by a contribution from EU funds in the amount of 41 million CZK (€1.6 million). It will comprise a new central wing with a library and study centre and a Centre for Clinical Law Education.

Faculty of Science builds new laboratories

The Faculty of Science complex at the campus in Holicе is awaiting another important phase of modernisation. Thanks to renovations and construction completion of buildings, conditions are improving for instruction in biology fields. The faculty received almost 148 million CZK (€5.75 million) for the works. Students can look forward to new classrooms, a modernised assembly hall, and a greenhouse in 2019. And new, specialised laboratories for teaching physics and optics have been established at the Envelopa campus.



A renovated building of the UP Faculty of Arts.



International Relations and Mobility



Palacký University Olomouc aims at developing its internationalisation, especially by increasing its involvement with foreign academics, researchers, and other experts, supporting study programmes in foreign languages, and increasing the number of foreign exchanges (mobilities) for students as well as academic and non-academic workers. Great attention is paid to international presentations at world university fairs and conferences, building upon and fulfilling inter-university contracts on cooperation and development of international strategic partnerships.

In 2017, 3,432 foreign students studied at UP out of a total number of 98 countries, which is 231 more than in 2016. Most foreign students came from Slovakia, China, the United Kingdom, Spain, and Ukraine.

Study programmes in foreign languages (numbers)

Palacký University		Bachelor's study (BA)		Master's study (MA)		Continuing Master's study (MA)		Doctoral study (PhD)		TOTAL
Groups of accredited study programmes	CBDE	FT	C/D	FT	C/D	FT	C/D	FT	C/D	
STS CYRIL AND METHODIUS FACULTY OF THEOLOGY										
Social Sciences, Studies and Services	61, 67, 71-73	0	0	0	0	0	0	1	1	2
FACULTY OF ARTS										
Social Sciences, Studies and Services	61, 67, 71-73	2	0	0	0	3	1	5	5	16
Education, Teacher Training and Social Care	74, 75	0	0	0	0	0	0	1	1	2
FACULTY OF MEDICINE AND DENTISTRY										
Health Sciences, Medicine and Pharmacology disciplines	51-53	0	0	2	0	0	0	3	0	5
Psychology disciplines	77	0	0	0	0	0	0	1	1	2
FACULTY OF SCIENCE										
Natural Sciences and disciplines	11-18	0	0	0	0	7	0	10	10	27
FACULTY OF EDUCATION										
Education, Teacher Training and Social Care	74, 75	2	2	1	1	4	3	4	5	22
FACULTY OF PHYSICAL CULTURE										
Education, Teacher Training and Social Care	74, 75	0	0	0	0	1	0	1	1	3
FACULTY OF LAW										
Law and Administration	68	0	0	0	0	1	0	1	1	3
TOTAL		4	2	3	1	16	4	27	25	82

CBDE: Classification of Basic Disciplines in Education; FT: Full-time, C/D: Combined/Distance

Contractual agreements with partner universities

In 2017, UP intensively supported internationalisation of its educational and research environment, mobilities abroad for students and academic and scientific staff, with a view to fulfilling prerequisites and tasks set out in the UP Long-Term Goals 2016–2020. The university devoted increased care to the development of international strategic partnerships. New partnership agreements were concluded with foreign universities, i.e. 30 Memorandums of Collaboration with universities from the USA, Great Britain, France, China, Japan, Russia, Kazakhstan, Ukraine, Columbia, Mexico, South African Republic, Philippines, Thailand, Iran, Serbia and Poland. Strategic partnerships with UK partners were strengthened, as well as the implementation of a common strategy of UP faculties for recruiting students into study programmes taught in foreign languages. Palacký University promotional materials in foreign languages were updated, and in relation to that, the strategic participation of UP in international conferences and education fairs abroad (fairs in the USA, Ukraine, Italy, Russia, China, and Kazakhstan).

International educational programmes and mobilities

In 2017 at UP, internationalisation of its study programmes was strengthened. It resulted in expanding and making more attractive studies in foreign languages at the Bachelor's, Master's, and doctoral levels, and also in cooperation with foreign partners, which eventually led to strengthening the position of UP among foreign students interested in studying abroad and to increased competitiveness of the university among Czech and other European universities. There was also an increase at UP in the total number of foreign students, 3,432 in 2017 (from a total number of 98 countries), which represents an increase since 2014 of more than 43%. The increase of student mobilities at UP was noted also in the programme Erasmus+ (KA 103 and KA 107) in the academic years 2016/2017 and 2017/2018. For the mobility of students and academic staff, the majority of faculties also made use of projects within the Czech Ministry of Education's Institutional Development Plans (IRP) and European Social Fund (ESF)

projects. For the twenty-third year, UP has continued in the Merrill Program, thanks to which 5 students travelled to the USA in 2017 for at least one semester.

Participation in the programme Erasmus+

The programme most used for mobilities of students and staff at UP is Erasmus+. In 2017, 454 UP students took advantage of the programme, going especially to Spain, Germany, Austria, Italy, and the United Kingdom. On internships, UP sent 120 students and 11 new graduates, most often to Spain, the United Kingdom, Belgium, Germany, France, and Italy. The number of accepted students, mostly from Spain, Poland, Slovakia, France, and Italy, was 508.

On teaching stays at partner institutions, UP sent 154 academic staff, most often to Slovakia, Poland, Italy, and Spain. Thirty-six of our academic, scientific, and administrative staff did training programmes, mostly at partner universities.

In 2017, mobilities continued to take place within projects of the accredited mobility programme Erasmus+. During the year, UP sent 26 students and 46 staff members, and accepted 27 students and 57 staff. Exchanges took place with partner institutions in 15 countries.

Confucius Institute

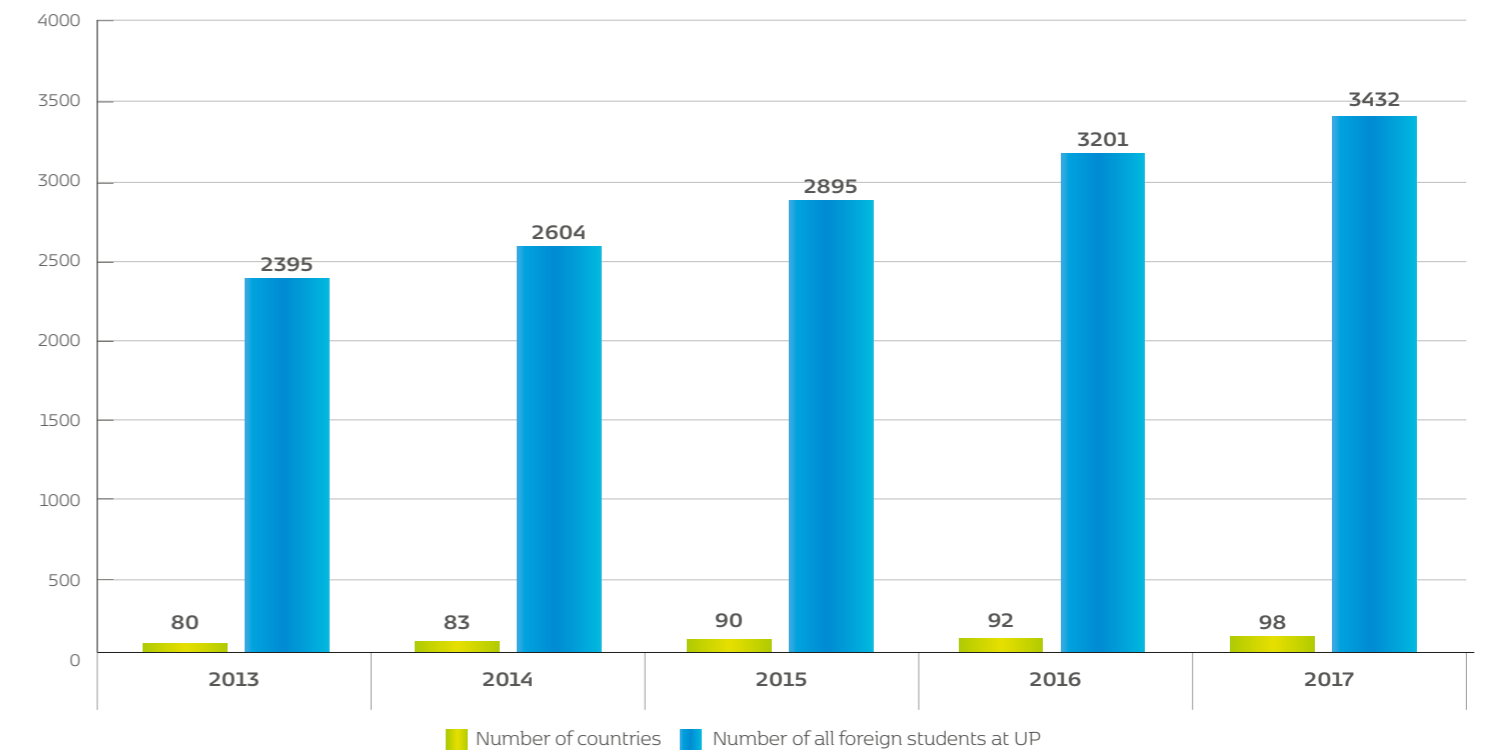
UP's Confucius Institute continued to expand its activities in 2017, celebrating the tenth anniversary of its foundation in autumn 2017. The celebration was commenced by an exhibition on Jewish refugees in China during World War 2, mapping the unknown life stories of thousands of Jews who fled the Nazis from Europe to Shanghai. This unique project, premiering in Central Europe in Olomouc, was organised in cooperation with the Shanghai Jewish Refugees Museum.

The cultural activities of the institute were organised in several forms, focusing on cultural workshops (calligraphy, knot tying, China ink drawing, tea ceremony) as well as Chinese language courses. It offered courses in Chinese to the general public and students. It continued to teach Chinese at secondary schools, as well as an experimental programme of teaching Chinese to children at Olomouc elementary schools. The Institute conducted YCT, HSK, and HSKK international tests in Chinese proficiency and helped make contacts with universities in the People's Republic of China.

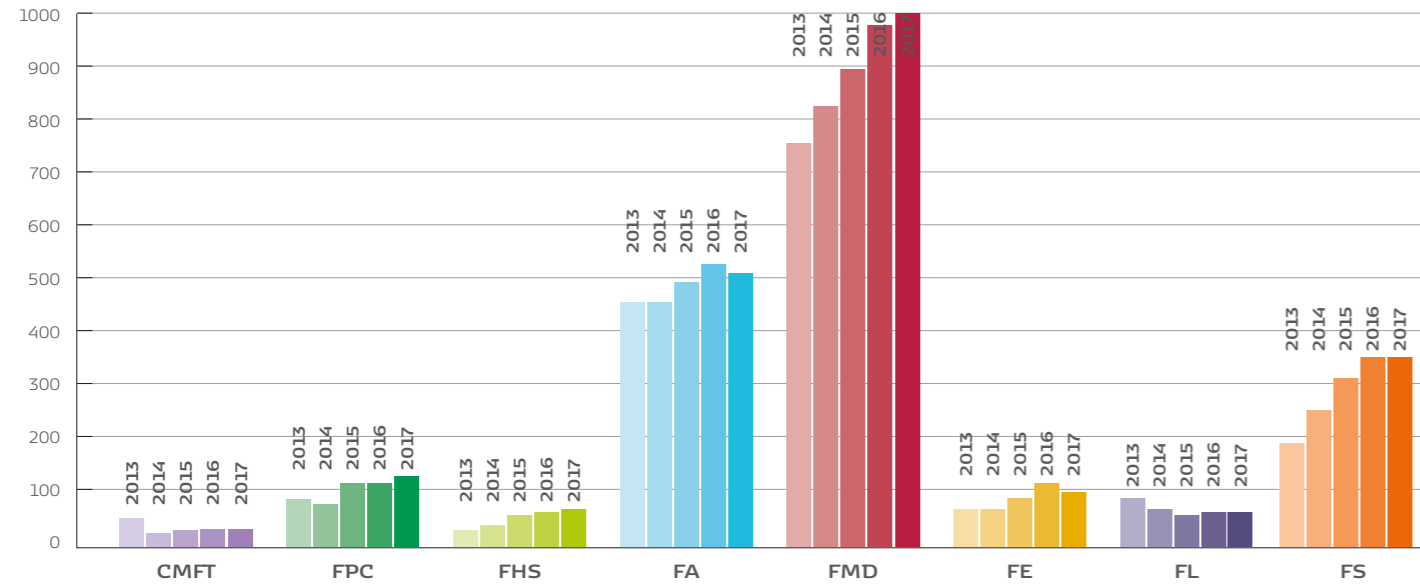
UP's involvement in international cooperation programmes

Palacký University	Horizon 2020 / Seventh Framework Programme of the European Commission			TOTAL
	TOTAL	Marie Curie Actions	Others	
Number of projects	6	2	67	73
Number of outgoing students	1	1	404	405
Number of incoming students			322	322
Number of outgoing academic and scientific workers	2	2	548	550
Number of incoming academic and scientific workers	1	1	241	242
Grants in thousands of CZK	74 682	4113	147 668	222 350

Trend in the development of the number of foreign students 2013–2017

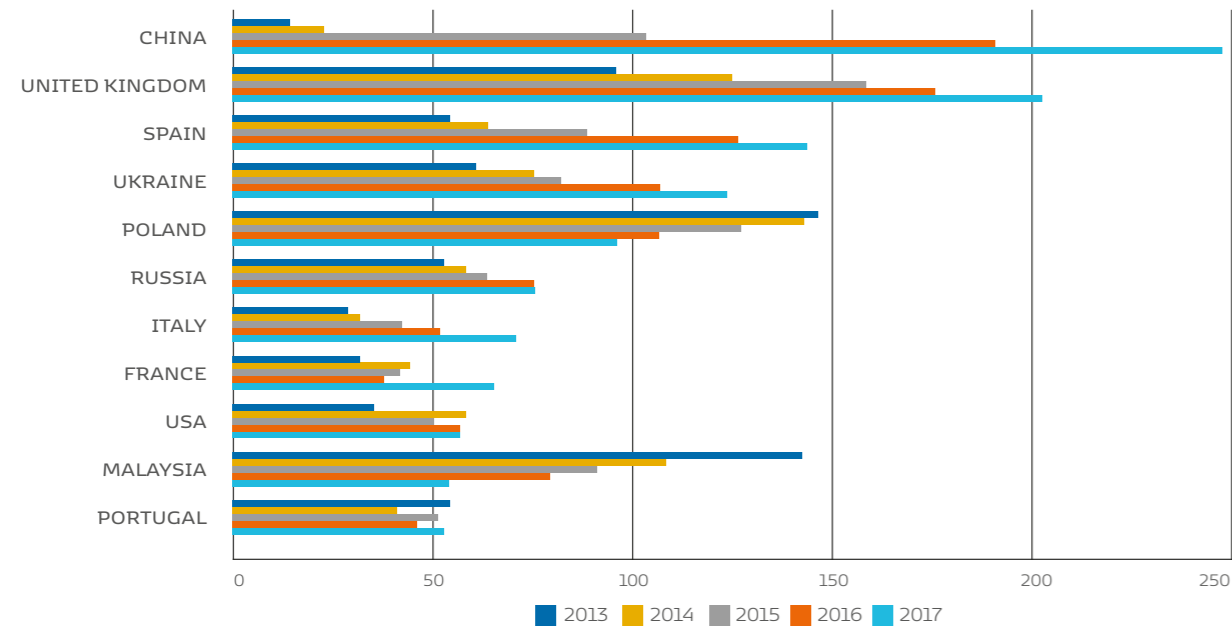


Number of foreign students 2013–2017



CMFT: STS CYRILAND METHODIUS FACULTY OF THEOLOGY, FPC: FACULTY OF PHYSICAL CULTURE, FHS: FACULTY OF HEALTH SCIENCES, FA: FACULTY OF ARTS, FMD: FACULTY OF MEDICINE AND DENTISTRY, FE: FACULTY OF EDUCATION, FL: FACULTY OF LAW, FS: FACULTY OF SCIENCE

The development of the number of foreign students at UP from the most represented countries (excluding Slovakia)



The number of foreign students at UP increased.



AFO 2017

52nd Year of the Festival of Popular Science Films

AFO celebrated an independent Russian filmmaker and welcomed 5,603 visitors

The ceremonial awarding of prizes at the 52nd annual Academia Film Olomouc (AFO) festival of documentary and popular science films was crowned by the independent Russian documentary film *Lake Vostok: At the Mountains of Madness* by director Ekaterina Yeremenko on the extreme research going on at the subglacial lake in Antarctica. The Innogy Prize for Best Czech or Slovak Popular Science Film was given to the documentary *Hon na Parkinsona (The Pursuit of Parkinson's Disease)*, about the unexpected possibilities of cooperation between top neurologists and electrical engineers. Meanwhile, viewers gave a prize to the epic adventure *Incredible Predators 3D* and AFO gave a prize to CERN – the European Organization for European Research. AFO 2017 welcomed 5,603 visitors.

The Prize for Contribution to Popularising Science – Institution was given to CERN. “We awarded one of the most incredible feats in human history. CERN shows us an example of how when people join together, they can create extraordinary things,” explained AFO’s Jakub Ráliš. The prize was handed to Ana Godinho, CERN’s Head of Communication, Education and Outreach, by Czech actor Tomáš Hanák, during the awards ceremony at Olomouc’s Fort Science.

The Best International Popular Science Film was the Russian documentary *Lake Vostok: At the Mountains of Madness* by director Ekaterina Yeremenko, about the lives of the research team in the centre of the most demanding area of the southern hemisphere. “The jury decided to award the prize to independent filmmakers. The extraordinary documentary *Lake Vostok* was 18 years in the making, and the festival’s prize will greatly help in their marketing campaign and future films. AFO thus fulfilled one of its main goals, which is to help the creation of other quality popular science films,” said the AFO programme director, Jakub Ráliš.

The European Academy of Science Film (EURASF) Award for excellence in content and form was added to the main prizes, and it was won by *The Origami Code* by French director François-Xavier Vives. The film examines the traditional technique of paper fold-

ing through the prism of science, mapping the diverse areas in this field today, where principles of origami are used in medicine, robotics, mathematics, and exploring the origins of the universe. “Several significant European science film festivals had a hand in the creation of this prize, including AFO. In the field, it’s something like the American Oscar, and at the same time it is a wonderful way to promote not only documentary films and festivals, but also the entire genre of popular science films. We’re honoured that Johan van de Woestijne, Director of the InScience festival in Nijmegen, the Netherlands, came to AFO and Palacký University to award the prize,” said AFO Director Matěj Dostálek about the unique European prize, which will be given at a different site each year.

More than 3000 films were entered into competition at AFO 2017, arranged into three main competition categories (International, Czech and Slovak, and Short Features), out of which the organisers chose 52 finalists. In the end, 8 prizes and 4 honourable mentions were awarded. AFO screened 150 films and welcomed 5,603 accredited visitors. “I’m very happy that the inimitable atmosphere of AFO again significantly enriched social life in Olomouc. The festival’s Centre was again pulsing with the extraordinary energy which AFO traditionally creates, thanks to the perfect interaction between our viewers, guests, and members of the organisational team – the overwhelming majority of which are UP students,” added Matěj Dostálek, AFO Director.

LIST OF AFO 2017 WINNERS:

- **Prize for Contribution to Popularising Science – Individual:** astronomer Jiří Grygar
- **Prize for Contribution to Popularising Science – Institution:** CERN
- **Audience Award:** *Incredible Predators 3D*
- **European Academy of Science Film (EURASF) Award:** *The Origami Code*
- **RCPTM Prize for the Best International Popular Science Film:**
Lake Vostok: At the Mountains of Madness
- **Special Mention by the Jury of the Best International Documentary:**
The Joy of Logic / Before the Flood
- **Innogy Prize for the Best Czech or Slovak Popular Science film:** *One Foot in the Absolute. Episode: The Pursuit of Parkinson's Disease*
- **Special Mention by the Jury of the Best Czech or Slovak Documentary:**
Life in the Clouds
- **Best Short Subject Popular Science film:** *Below Zero*
- **Special Mention by the Jury of the Best Short Subject films:** *My Fault?*
- **Student Jury Prize:** *Bugs – Nature's Little Superheroes*



The fifty-second annual Academia Film Olomouc festival attracted more than 5,600 viewers to Olomouc.



Education, Culture, Sport and Entertainment

for Students and (not only) Olomouc Residents

Tens of thousands attracted by UP events

Donate Blood reaches its goal

Donate Blood with the Rector is an event organised by UP and the University Hospital Olomouc. The February term was complemented with an "autumn round" for the first time. The response was very cordial: 240 UP students and staff came to give almost half a litre of that most precious fluid, out of which 93 were first-time donors. Newly, the university also helped organise an enlistment for the bone marrow donor register, where 198 potential donors registered.

Documentary about UP

Czech Television has filmed a documentary about Palacký University. The film was created on the occasion of the 70th anniversary of its re-establishment and it features the university as a special place where history meets modern trends; as a scientific institution; and as a space blending with the beauties of Olomouc.

Olomouc has its own map of creativity

More than 1,200 subjects, a turnover of almost 5 billion CZK (€200 mil.), and 5,000 employees – this is the power of cultural and creative industries in Olomouc. These data were collected by a unique UP survey that was created in collaboration with the City of Olomouc. The Olomouc map of creativity is the first of its kind in the country that was prepared according to the new methodology approved by the Ministry of Culture.

Sports Day offered fifty sports

In a sporting hall, on a field, or in a swimming pool, UP students and staff were everywhere to be seen in May during UP Sports

Day. The event is an annual part of the academic year. The university offered all sports to its students and employees free of charge, and the rector declared a school holiday for the occasion. For the first time, the programme included Vedic yoga, drumming for fun, an in-line skating ride, and a scooter trip.

Baroque Festival offered a colourful programme

The fifth year of Olomouc Baroque Festival brought twenty-three evenings with outstanding performers. The programme consisted of original Baroque serenades and Neo-Baroque operas. Olomouc also hosted the twentieth year of the festival Baroque 2017 in November. Both events took place on the university premises.

MusicOlomouc brought premieres of contemporary music

Contemporary Czech and world music was featured at seven concerts and two workshops during MusicOlomouc 2017, the ninth year of the international festival. The festival was opened by an adaptation of the complete piano works by Tristan Murail. The unparalleled instrument Airmachine 2 had its Czech premiere.

Queen of May

The seventh year of the Olomouc's UP May Festival (Majáles) with the motto "Literature around us" offered more than a hundred events in its programme. After last year's King of May, the actor and musician Marek Eben, it was Helena Sedláčková, the UP Library director, who



Helena Sedláčková, the Queen of May at the 2017 UP May Festival.



accepted the rule over the celebrations of the spring, youth, and academic liberties. The royal rule was passed to her as a symbolic gift at the twentieth anniversary of the new UP library's existence. The event also had a beneficial dimension: students collected among themselves almost €1,500 in order to support the foundation of a new cultural venue on Olomouc's Lower Square and the Over the Bar(riers) Expedition.

If you want to learn Czech, come to Olomouc

A hundred foreign students from 23 countries interested in learning Czech were welcomed by the Summer School of Slavonic Studies, organised by the Faculty of Arts. In addition to language courses, lectures, and seminars, a colourful accompanying programme was also prepared for them.

The Park It! initiative filled Olomouc parks

The university initiative "Park It! – Embrace the Public Space" in its fourth season helped again bring music, film, theatre, and sport into the parks of Olomouc. Local citizens could attend film showings, dance events, and sporting tournaments, as well as concerts, a poetry slam, and sporting for the seniors in the parks and on the city wall ramparts gardens of the UP Arts Centre. And it opened the first rental service for picnic baskets in Olomouc.

Long Night of the Sciences brought together thousands of science fans

The record-breaking 6,000 visitors of another year of the Long Night of the Sciences in Olomouc are a testimony to its popularity. The programme took place at most of the UP faculties, in Fort Science, in the UP Science and Technology Park, and the University Hospital Olomouc. Visitors enjoyed more than one hundred attractions on the theme of mobility. Another event with such high attendance is the UP Science and Research Fair.

Fort Science visited by over 100,000

Fort Science, the interactive museum of science at Palacký University, was attended in 2017 by more than 100,000 visitors, and became one of the most visited places in the Olomouc Region. The most popular events included the Fort of Ghosts (1,768 visitors), Science and Technology Week, Brain Days, and Love is Science. Fort Science also hosts the unique Children's University and a course for seniors, Close Encounters of Third Age. It also hosted events such as the Project Day for Handicapped Children, Blue Days for Autistic Children, and Fort Against Cancer. Traditionally, the UP Science and Research Fair, the Long Night of Sciences, and popular urban summer camps for children take place in the fort.

The university initiative Park It! makes the public space livelier.

Library celebrated and opened a new study room

The UP Library on Bishop's Square celebrated the 20th anniversary of fulfilling Comenius's vision: "Turn armouries into libraries". The spiritual father of the idea to rebuild the Theresian armoury into a university library was the first post-revolution rector, Josef Jařab. The Armoury Library opened a new study room during the celebrations.

Prix Bohemia Radio returns to Olomouc

The international radio festival Prix Bohemia Radio held the best of radio documentary, drama, and reportage in Olomouc. The radio contest again found shelter on the premises of Palacký University. The mission of the festival is to increase the quality of radio production and public media presentation.

UP has its own ice hockey team

The university ice hockey team University Shields Olomouc started playing in the European University Hockey League. The foundation of the club was due to an association of physical culture students in Olomouc who want to continue in their previous successful results at the Czech academic championships.

Sleep Out against homelessness

Palacký University again joined the initiative Sleep Out, which takes place across the whole country and aims at introducing the theme of homelessness to the public in an unconventional form. The fifth Sleep Out Olomouc took place on the premises of the Crown Fortress and offered concerts, theatre, and film projections. Bold participants could spend the whole night under the open sky. The beneficial event was organised by UP together with Caritas Olomouc and the Czech Army.

UPoint celebrated its second birthday

The UP information centre and shop UPoint, located on the Upper Square in Olomouc, celebrated two years of its existence. In 2017 it sold almost 56,000 items and had a turnover of almost 2.5 million crowns (€100,000). Recently they also started selling the UP wooden tourist tokens. The new assortment includes ring notebooks in the colours of all UP faculties, enamel cups, and clothes for newborns. UPoint also hosted several exhibitions, such as rare photographs from the May Festival in 1964 and newly-discovered Olomouc cityscapes from the 1730s.



The UP Library on Bishop's Square celebrated 20 years of its existence.

How was the year 2017 for Palacký University?



Jaroslav Miller, UP Rector:

On the work level, the most important event of 2017 was the decision to apply for institutional accreditation. I would like to thank hundreds of my colleagues for dedicating so much time and effort to preparing the necessary groundwork. We already know that Palacký University's efforts have been crowned by success. In October I was honoured to be re-elected to the position of Rector. I accepted my candidacy humbly and with full awareness of serving an institution which is one of the main centres of education, science, and research in this country. We live in a world which is less and less stable and predictable. Therefore, I am glad that we continue to enjoy the privilege of peace and calm, despite the not-overly optimistic political conditions currently reigning in the Czech Republic.



Ivo Frébort, Dean of the Faculty of Science (UP FS):

2017 was a very successful one for UP, especially due to the national OR RDE project, where two UP FS research centres prevailed against very tough competition, as well as other projects to support development in education, international mobility, furnishing of lab and classroom equipment, and educational infrastructure. Thanks to these, in the coming years the Faculty of Science will be building a new, specialised laboratory on the Envelopa campus for teaching physics and optics and on the Holice campus there will be reconstruction of teaching and study spaces, including a greenhouse. Also gratifying is the fact that the evaluation of research organisations at the Faculty of Science improved to third place in the Czech Republic, right behind the Faculty of Science at Charles University in Prague.



Milan Kolář, Dean of the Faculty of Medicine and Dentistry (UP FMD):

2017 brought continued growth to the UP Faculty of Medicine and Dentistry as a quality teaching, science and research institution. The results show that the faculty provides medical instruction at a high level, at the same time producing outstanding research results including publications in such prestigious scientific journals such as Nature and Nature Nanotechnology. Our faculty also placed among the top ten in the country. The open cooperation of the entire academic community at the faculty, teachers and students alike, contributed to its positive development. I am convinced that this cooperation has reached a very high level, certainly contributing to the good name of UP FMD. At the same time, it was also possible to combine high quality teaching and science and research activities with a high level of treatment-preventative care at the University Hospital Olomouc in the framework of mutually successful cooperation. In closing, I would like to thank everyone from the bottom of my heart for such wonderful results. I'm convinced that the entire academic community at the faculty deserves great awards and respect for their conscientious and responsible work.

2017 As the UP Rector
and Deans Saw It

**Jiří Lach, Dean of the Faculty of Arts (UP FA):**

In 2017, UP FA could pride itself as being one of the best-established humanities faculties in the Czech Republic. Our faculty worked on improving its study programmes and academic growth, despite the fact that 2017 was hemmed by far from optimal working conditions in conjunction with the renovations at its main building on Křížkovského Street as well as the building on Na Hradě Street. Despite the modernisation, the faculty still managed to host a number of prestigious conferences, including a meeting of great importance in September: the 11th Congress of Czech Historians. Similar national and international meetings show what an extraordinarily beautiful environment Olomouc's university provides. I am glad that our faculty continued and will continue to enter public debates, activities, and refute the cliché that we academics live detached from the reality of everyday life. The year 2017 for me personally meant the end of eight years as the head of the faculty. I'll leave the evaluation of those two elected terms to others, but here I would like to thank not only my colleagues from the faculty management, but also the entire academic community including non-academic workers for their support, cooperation, and healthy criticism. I wish the faculty and the entire university much success and good cheer in the coming years, and not only in the academic field.

**Zdenka Papoušková, Dean of the Faculty of Law (UP FL):**

2017 was a very good year for the Faculty of Law. It's necessary to state that it continued to establish an intensive pace in all areas. In addition to developing new legal regulations, deepening our international cooperation, improving the quality of the discipline and doctoral study programmes, expanding our offer of life-long education courses with internationally-recognised LL.M. courses; a central theme was also a discussion on the form of the new accreditation as prerequisites for UP institutional accreditation in the field of law. I was very happy to have signed a framework agreement with the first faculty high school. In addition to the above, we were also able to create and implement transparent and fair rules for managing human resources, both for academics and for technical-economic workers, while respecting the faculty's budgetary capabilities. We also created a chill-out zone and held many non-academic events (a ball, summer employees' meeting, Christmas party). Cooperation with student clubs seems to be ever more successful. There are many, and I am thankful to all those who have helped move the faculty forward. The entire university benefits. If only we could get more financing in higher education as a whole!

**Čestmír Serafín, Dean of the Faculty of Education (UP FE):**

How was 2017 for UP FE? It was characterised mainly by the changes which took place due to an amendment of the Higher Education Act and the establishment of the National Accreditation Office. It was a year of discussions about the future form of the study programmes in the areas of teaching and non-teaching pedagogy, where within the framework of many meetings between the Association of Deans of Faculties of Education together with the National Accreditation Office and the Ministry of Education, Youth and Sports, we were able to resolve the future form of accreditation. I believe that I can consider the results of these demanding meetings as successful, ones which anticipate the future seamless transition between the ending of the former accreditation of our study programmes and the new form of accreditation. 2017 was also a year when the faculty showed positive results in many areas of its activities, which is reflected in the quality of its evaluation in the institutional accreditation of the university. What did 2017 mean for me personally? It was an election year, and although another candidate was chosen, what was most important for me was that the faculty's future on the side of its budget, studies, and academics is secure. And that warrants my thanks, to all those who deserve it.

**Zbyněk Svozil, Dean of the Faculty of Physical Culture (UP FPC):**

2017 was an election year at UP FPC. In April, a new Academic Senate was chosen at the faculty. In the autumn, the senate then chose a new dean, Mgr. Michal Šafář, Ph.D., for the period 2018–2022. The faculty stabilised management at the BALUO Application Centre. It improved the usability of this outstanding facility, and the centre is becoming a name – both in the field of application research and in terms of commercial use. For example, in 2017 it hosted the swimming school “Keep Swimming Camp” with stars in swimming such as Olympic medallists Roland Schoeman and Aaron Peirsol. The Application Centre was named “Olomouc Region Building of the Year”. And in 2017, builders worked hard on completion of the construction of the Centre for Kinanthropological Research. UP FPC organised a major international conference, “Movement and Health”. It included international guests such as Donna Goodwin. Conference days were also used for the student Conference Full of Colors and for a meeting of KLIKO project members. And in 2017 the faculty was the centre of Těloolomouc 2017 – the 11th Meeting of Czech Physical Educational Professionals. UP FPC has for a long time been at the very top of kinanthropological workplaces in the Czech Republic and is a respected workplace of European and world renown in the area of published research and as a quality educational institution. At the end of my tenure as dean, I would like to thank everyone and wish the faculty and university not only to keep up our established trend, but also to push it further.

**Peter Tavel, Dean of the Sts Cyril and Methodius Faculty of Theology (UP CMF):**

In September 2017, we celebrated 300 years of continuous instruction in our faculty's building and it was an opportunity not only to consider the rich history of philosophical-theological studies at our university, but also to meet with alumni, colleagues, and friends of the faculty. Our faculty is proud – not only of its famous alumni such as St John Sarkander, Alois Musil, and Cardinal František Tomášek – but also of so many with whom the faculty is cooperating with at present. Celebrating 300 years was an opportunity toward inspirational meetings with colleagues and students of other faculties, where we felt the university as a body, which sometimes eludes us in the daily parcelling of our activities. It also meant a group view of the future, and a discussion of the challenges in store for the faculty (or those it will face). The ancient history of our alma mater obliges us and gives us the courage for decisions which will be of benefit for both the Church and for society.

**Jaroslav Vomáčka, Dean of the Faculty of Health Sciences (UP FHS):**

UP FHS works on the principles of “strategic management”: it is in its sixth year of working with the mission, vision, and strategic goals discussed and approved by the UP FHS academic community. Its goals are fully in line with those of UP as a whole. Taking all its main activities into consideration, one can say that the faculty has been successful. This is especially true in the processes of internationalisation, scientific research and development, and above all its teaching activities. It is a select faculty, proven by the opinions of external entities. Its graduates have practically 100% permanent employability. In 2017, the faculty intensively worked on institutional accreditation of its Bachelor's, Master's, and doctoral healthcare programmes. In addition, the academic community was enriched by the naming of its new associate and full professors. With regard to strategic goals and public interest, FHS UP prepared new study programmes for accreditation. The dynamic development of the faculty and its modernisation would not be possible without further development of its material-technical foundations. Thanks to these, the faculty engaged in project activities and will continue to prepare the construction of new UP FHS special-purpose buildings as a necessary factor for its further development.

How did the university fare economically in the year 2017?

Palacký University's budget is managed as a whole. For internal reasons of accounting, monitoring, and evaluating expenses and income, it is divided into 19 parts, from 8 faculties. Profit for the year 2016 in the amount of 21,082 thousand CZK was approved by the Academic Senate of UP (UPAS) and distributed into the Fixed Assets Development Fund and the Awards and Subsidies Fund.

Profit for the year 2017 in the amount of 15,390 thousand CZK was reallocated after a meeting of the AS UP and after approval of the annual report on accounting for the year 2017 by the Czech Ministry of Education, Youth, and Sports.

Profit or Loss for the year 2017, in thousands of CZK

Public university sectors	Income from main activities	Income from supplemental activities	Total income
Faculty of Health Sciences	655	0	655
Faculty of Medicine and Dentistry	56	759	815
Faculty of Arts	3761	359	4120
Faculty of Science	4885	3468	8353
Faculty of Education	-1789	0	-1789
Faculty of Physical Culture	1444	-8445	-7001
Sts Cyril and Methodius Faculty of Theology	-449	3	-446
Faculty of Law	0	0	0
UP Accommodation and Dining Facilities	15 757	7780	23 537
UP Rector's Office	-16 041	83	-15 958
UP Library	0	0	0
UP University Press	0	86	86
Information Technology Centre	0	31	31
Armoury	0	0	0
UP Science and Technology Park	4659	1318	5977
Academic Sport Centre	0	0	0
UP Project Service	-2990	0	-2990
Centre for Students with Special Needs	0	0	0
Confucius Institute	0	0	0
Total	9948	5442	15 390



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