

Universitat Autònoma
de Barcelona

Annual report for the 2019-2020 academic year



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Information in this report for the 2019-2020 academic year is accurate at 7 June 2020.

This report also has versions in Catalan and Spanish, which can be downloaded from the version of the UAB Annual Report webpage (www.uab.cat/memoria) in these languages.

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Presentation



The Annual Report of the Universitat Autònoma de Barcelona (UAB) gives information about the main events during the academic year in terms of teaching, research and knowledge transfer.

In the following pages you will find highlighted the important challenges that the UAB has achieved this year, which have significantly improved its impact on a national and international scale.

In the academic field, the offer of a renewed set of courses has been fundamental to increasing our power of attracting new students. New interdisciplinary teaching proposals have demonstrated the benefits of a campus university and the extraordinary dynamism of the teaching centres. The work carried out to ensure the quality of our courses has also been recognised this year and the UAB has become the first Catalan university to obtain quality certification for internal quality management processes.

Our internationalisation strategy for research and the attraction of talent has meant that the UAB is the generalist university in the country with the greatest economic returns from the European Horizon 2020 programme. It is important to highlight that, for the second year running, the UAB and the centres of the UAB Sphere have obtained five European Research Council grants.

Also, with the inauguration this year of the network of UAB Open Labs, the UAB has opened up to the university community and the production and social sectors spaces for experimentation, innovation and demonstration of new technologies and methodologies. The commitment of the UAB to contributing to progress in the region has also been a leading factor when forming new links with agents for research, development and innovation in the collaborative Hub B30 platform.

The launch of the ECIU University programme, one of 17 funded by the European Commission for the creation of international universities, has meant a qualitative leap of great transcendence for international relations at the UAB and its project on a European scale. ECIU University will allow the UAB, along with the other 11 universities, to put into practice new, more flexible and interdisciplinary teaching methodologies based on meeting social challenges, and to participate in shared strategic research and transfer projects.

As well as the importance of the objectives we have achieved, we must also remember that 2019-2020 has been an academic year marked by the consequences of the health crisis on university activity.

On 13 March the exceptional situation caused by COVID-19 obliged us to stop all on-campus activity and transfer our activities online. Despite the difficulties the involvement of the university community has been exemplary for maintaining the university's activity and ensuring that the academic year could come to an end by working remotely. Thanks to the efforts and perseverance of all the people working at the university, the UAB continued its teaching and research activities and ensured the effective administration and management in an uncertain and changing context.

As would be expected, the UAB responded with generosity and a will to provide a service during the health emergency, and as far as possible contributed to palliating its effects through social action, volunteering, research and scientific dissemination, and the contribution of material resources and equipment.

The 2019-2020 academic year has been the last in the mandate of the current governing team which I have led as rector, and convinced of the strength and capacity of the UAB to overcome the challenges it will face in the future, I would like to emphasise how proud I am to belong to this institution and to form part of the UAB community.

Margarita Arboix Arzo

Rector of the Universitat Autònoma de Barcelona

Figures for 2019-2020

Courses

Bachelor's degrees	103
Master's degrees	135
PhD programmes	68
Lifelong learning programmes (2018-2019)	434
UAB faculties and schools	13
Attached university schools	13

Teaching

New undergraduate students	6,993
Total undergraduate students	26,272
Bachelor's degree graduates	4,530
Master's degree students	2,389
Master's degree graduates (2018-2019)	2,104
New undergraduate students in attached centres	1,299
Total undergraduate students in attached centres	4,918
Bachelor's degree graduates in attached centres (2018-2019)	926
Master's degree students in attached centres	854
Master's degree graduates in attached centres (2018-2019)	550
Lifelong learning students (2018-2019)	5,845

Research (2019)

Research groups recognised by the Government of Catalonia	245
Departments	57
Research and study centres	28
UAB research institutes	8
Attached research institutes	36
PhD students	4,790
Doctoral theses presented (2018-2019)	705
Articles published in indexed journals (WOK-ISI)	4,781
Total patents applied for	48
New companies in the UAB Research Park	6
Resources allocated for research (in millions of Euros)	74.45

Internationalisation

Foreign undergraduate students	1,474
Foreign official Master's degree students	1,112
Foreign UAB Master's degree students (2018-2019)	797
Foreign PhD students	1,806
UAB students on exchange programmes	1,245
Students on exchange programmes at the UAB	1,334
Foreign students on the Study Abroad programme	2,179

Human resources (2019)

Teaching and research staff	3,868
Trainee research staff	547
Administration and services staff	2,292

Budget (2019)

Expenditure settlement statement (in millions of Euros)	327.85
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Notes:

- Information for the 2019-2020 academic year was correct at 7 June 2020.
- The number of full-time equivalent undergraduate students is 24,488.
- The number of students does not include students on interuniversity programmes who are not registered directly at the UAB.
- Teaching and research staff includes postdoctoral researchers (Ramon y Cajal, Juan de la Cierva, Beatriz de Pinós, etc.), of whom there are 220.
- The number of full-time equivalent teaching and research staff is 2,698.

Governance and institutional activity



The UAB begins an academic year dedicated to climate change

On 18 September in the official opening of the academic year took place in the Conference Hall of the Rectorat building. Mercedes Pardo-Buendía, Professor of Sociology at the Carlos III University in Madrid gave the inaugural speech entitled “Climate Change: between collapse and social metamorphosis. A sociological perspective”. The event included speeches by Rafael Rebollo, Secretary General of the UAB; Gabriel Masfurroll, Chair of the Board of Trustees of the UAB; Carlos Cordón, Mayor of Cerdanyola del Vallès, and Margarita Arboix, Rector of the UAB.

Governance agreements

During this academic year, the governing and representational bodies of the university have continued with their activities.

The **Senate** met twice: on 21 October and 17 December 2019. During these meetings the annual report by the rector on general policy lines of the university was approved alongside a joint manifesto by the Catalan universities rejecting the sentences of the Catalan political prisoners. The annual report by the Observatory for Equality on the application of the protocol for prevention and action against sexual harassment, harassment for reasons of sex, sexual orientation, gender identity or gender expression and sexist violence was also presented at the session.

The **Governing Council** met ten times. Five of the meetings were ordinary sessions: 3 and 30 October and 4 December 2109 and 30 January and 11 March 2020. Five were extraordinary sessions: the first on 29 November 2019 and the other four held online and motivated by the COVID-19 pandemic on 16 April, 9 June and 2 and 21 July 2020. In total 103 agreements were adopted and points of information, discussion and approval were dealt with. The following are some of the main ones:

- Approval and presentation to the Board of Trustees of the basic criteria for extending the UAB Budget for the 2019 financial year until the approval of the UAB Budget for 2020, the financial report, the balance statement and the settlement of the budget corresponding to the financial year ending on 31 December 2019.
- Approval of the general regulations and plans of the UAB in the following areas: Code of conduct for senior positions, Anti-stigma plan for mental health, Institutional open access policy for research data, Regulation of public use of exterior spaces on the Bellaterra campus, creation of the Equality Commission.

- Call for elections to choose the new UAB rector.
- In relation to the necessary adaptations to the state of alarm declared as a result of COVID-19 the following agreements were made: instructions for the conclusion of the 2019-2020 academic year within the framework of the situation of crisis caused by COVID-19 for official Bachelor s and Master s degree courses and for the postgraduate courses of the UAB, Instruction on planning for teaching and registration for the 2020-2021 academic year, budget allocation for investment in distance teaching, Contingency plan and protocol for the organisation of the UB, adaptations of the academic calendar to the exceptional situation.
- Nomination of Josep Pons i Viladomat and Vicente Salas Fumàs to receive honorary doctorates

Creation of the Equality Commission

As part of the measures set out in the 4th Action Plan for Gender Equality at the UAB, this year the creation of an Equality Commission delegated by the Governing Council was approved.

The Equality Commission has been established with the mission of coordinating the preparation, implementation, monitoring and evaluation of the successive plans for equality at the university; overseeing compliance with the prevailing legislation on matters of equality; promoting and supervising university policies for prevention and action in possible situations of discriminatory actions and attitudes, and promoting the transversality of gender through all university policy, as well as raising awareness and providing training to the university community on matters of equality.

Board of Trustees

In terms of the structure and work of the UAB Board of Trustees, during the 2019-2020 academic year, the main news was the nomination of Verònica Fernández García as representative of the trade union organisations.

With a view to improving innovation and transfer at the university, the Board of trustees contributed this year to the consolidation of the Hub B30 project, aimed at transferring knowledge to the business fabric and to the creation of collaboration networks, as well as designing the Dual Training and Challenge Generation projects. The Social Council also gave support to the diffusion of the 4th Action Plan for Gender Equality at the UAB and has continued to work to support sport at the UAB by increasing resources aimed at promoting sporting competitions.

In addition to all the actions carried out within the University-Society Programme (see the section “Social and environmental commitment”), the Board of Trustees has used the competences conferred on it under the Law for Catalan Universities (LUC) in the areas of university community, planning and management, and finance. Specifically, during this academic year a total of twenty committee meetings and six council meeting were held, and 253 decisions were taken

Second Night of the Board of Trustees

On 14 the Second Night of the Board of Trustees of the UAB took place at the Sant Pau Modernista Complex in Barcelona. During the event, under the heading “Society and University: further together” the work of a number of institutions and individuals was recognised. Journalist Jordi Évole received the University-Society Award; Sara Berbel, municipal manager



of Barcelona City Council and alumna of the Faculty of Philosophy and Arts, was awarded the UAB Alumni Award; Luca de Meo, Chair of SEAT, received the University-Company Award, and Montserrat Llagostera, professor of molecular microbiology at the UAB had her work recognised with the UAB Transfer Award.

Recognition for teaching staff at the UAB

This year two members of the UAB teaching staff received honorary doctorates – the highest accolade offered by universities: environmental economist at ICTA-UAB **Jeroen van den Bergh** received the award on 26 September from the Open University of the Netherlands, and **Pilar Benejam**, retired professor of the Department of Didactics of Language and Literature, and of Social Sciences, received her award from the Rovira i Virgili University on 29 November 2019.



Among other recognition for academic staff of the UB the Government of Catalonia awarded the Cross of Saint George to **Joan Estruch**, retired professor of sociology at the UAB and founder of the ISOR Group (Research in Sociology of Religion), and the National Communication Award 2019 in the category of radio broadcasting went to the programme *L'altra ràdio* (The other radio), directed and presented by **Cinto Niqui**, professor in the Department of Audiovisual Communication at the UAB.



Emeritus professor of the UAB and honorary director of the Centre for Demographic Studies (CED) **Anna Cabré** was awarded the Gold medal by the Government of Catalonia.

The Catalan government and the Catalan Foundation for Research and innovation (FCRI) also recognised the work of **Josep Taberner**, professor in the Department of Medicine at the UAB, director of the Vall d'Hebron Oncology Institute (VHIO), and head of the Oncology Service at the Vall d'Hebron University Hospital, awarding him the National Research Prize 2019.

Finally, the Government of Catalonia awarded Narcís Monturiol Medals for scientific and technological merit to **Victoria Reyes**, lecturer in the Department of Social and Cultural Anthropology and researcher in the Institute for Environmental Science and Technology (ICTA-UAB), and to M. **Teresa Espinal**, professor in the Department of Catalan Philology.

Highlight



Bruno Dente: Honorary doctorate from the UAB

On 7 October the political scientist Bruno Dente was awarded an honorary doctorate by the UAB, having been proposed by the Faculty of Political Science and Sociology, in recognition of his significant academic career in the management and analysis of public policy, in for his special contribution to the introduction of these studies at the UAB. Professor Joan Subirats of the Department of Political Science and Public Law was the sponsor.



The UAB awards Anne Cheng an honorary doctorate

On 28 November an honorary doctorate was awarded to French Chinese scholar Anne Cheng, at the proposal of the Faculty of Translation and Interpreting, in recognition of her exceptional contribution to knowledge of Chinese thought from a critical perspective, as seen in her work *Histoire de la pensée chinoise*, a global classic. Joaquín Beltrán, director of the Department of Translation and Interpreting and East Asian Studies was the sponsor.

Teaching



Academic policy

The UAB is a campus university. This differentiating characteristic has enabled us to offer an innovative, diverse and transversal range of undergraduate and postgraduate courses. The new Bachelor's degrees in the areas of communication, engineering, humanities and social sciences have been fundamental for increasing our capacity to attract new students.

This academic year the UAB was the first Catalan university to obtain certification for internal quality management processes, and the minor in Gender Studies received the new M. Encarna Sanahuja Yll award for excellence in the inclusion of a gender perspective in teaching practice from the Government of Catalonia. Also, the international university rankings have continued to show the quality of numerous disciplines at the UAB in all areas of knowledge. The 50th anniversary celebrations of the Institute of Education also highlighted the concern for teaching quality which has guided the academic policy of the UAB from the start.

This year 140 professional guidance activities were offered as well as continued support for students to improve their employability once they have graduated. In the area of entrepreneurial activity the new Emprèn Pitch competition has tested the capacity of students to present ideas and projects.

All this took place in an academic year marked since 13 March by the adaptation of teaching activity to distance format as a result of the COVID-19 pandemic. The success of this adaptation enabled us to conclude the academic year with the best possible outcomes for the students.

Teaching activity during lockdown

On 13 March, as instructed by the Government of Catalonia, face to face teaching activity was stopped at the UAB and the centres and teaching staff immediately organised themselves to continue classes online. On 15 March when the Spanish government declared the state of alarm, all activity on campus was reduced to the essential minimum.

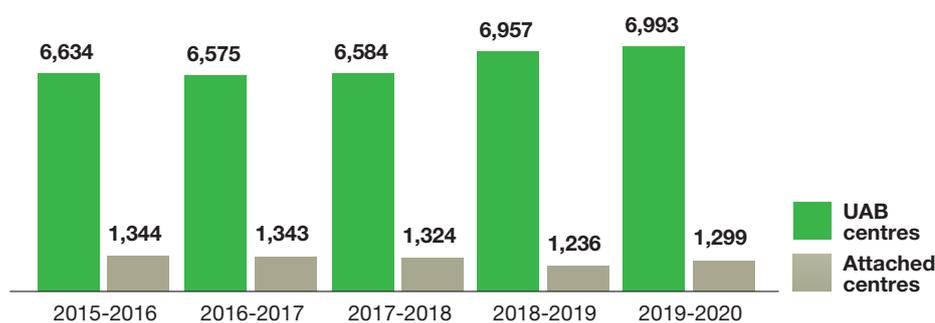
One we knew that the lockdown would be extended and following debate and agreement with the heads of the centres, in an extraordinary session on 16 April the Governing Council approved the instruction for the conclusion of the 2019-2020 academic year within the framework of the crisis caused by the COVID-19 pandemic for official Bachelor's and Master's degrees on the one hand and for the UAB postgraduate courses on the other. The instructions were to adapt the academic year so that those who were about to graduate were able to do so and the other students could complete the year. Under these instructions there would be no face-to-face teaching in the second semester and all teaching activity would continue on line. At that time it was planned to maintain a period for face-to-face assessment but given the evolution of the pandemic and the recommendations of the health authorities on 11 May this plan was scrapped and it was agreed that all assessment would take place on line. The UAB instructions also included a commitment to working to establish the necessary mechanisms to ensure that all students could follow the rest of their second semester classes on line. On 3 April the first of two calls

for funding for the temporary loan of equipment and connectivity was opened.

In addition to the adaptation by lecturers and students the actions carried out in the area of ICT were crucial for the successful conclusion of the 2019-2020 academic year ensuring the best possible outcome for the students both in terms of teaching and assessment. Among the actions carried out was the establishment of MS Teams as a complementary teaching tool, the adaptation of infrastructures to the increase in online teaching, the development of tools to measure the volume of online campus activity, improvement of existing assessment tools and the creation of new assessment services, and improvement in the support offered to users of the service thanks to the optimisation of processes and diversification of documentary support (infographs, PDF guides and videos).

Given that the General Directorate for Universities has decided to consider the forthcoming academic year as exceptional, on 2 July the Governing Council approved Instruction 11/2020 on the planning of teaching and registration for the 2020-2021 academic year, which plans for a mixed teaching methodology combining online and face-to-face activities.

Headcount for new students on Bachelor's degrees



Bachelor's degree students registered in UAB centres, 2019-2020

Centre	Students registered		
	Women	Men	Total
School of Engineering	421	1,916	2,337
Faculty of Economics and Business	1,203	1,648	2,851
Faculty of Biosciences	1,265	585	1,850
Faculty of Science	917	1,382	2,299
Faculty of Education	1,942	344	2,286
Faculty of Communication	1,195	619	1,814
Faculty of Political Science and Sociology	595	539	1,134
Faculty of Law	1,337	605	1,942
Faculty of Arts and Humanities	2,083	1,256	3,339
Faculty of Medicine	1,804	727	2,531
Faculty of Psychology	1,507	317	1,824
Faculty of Translation and Interpreting	920	245	1,165
Faculty of Veterinary Medicine	690	210	900
Total	15,879	10,393	26,272

Undergraduate students registered in attached centres, 2019-2020

Centre	Students registered		
	Women	Men	Total
Eina, University Centre for Design and Art in Barcelona	289	108	397
Escola Massana. Municipal Art and Design Centre	242	68	310
School of Prevention and Integral Safety and Security	74	217	291
US for Health Sciences*	7	8	15
US for Social Sciences*	2	0	2
US Gimbernat	794	606	1,400
US for Nursing Sant Pau	297	57	354
US for Nursing and Occupational Therapy of Terrassa	730	157	887
US Salesiana de Sarrià	85	520	605
US for Tourism and Hotel Management	475	182	657
Total	2,995	1,923	4,918

* In process of disaffiliation from 2015-2016.
US= University School

Highlight



M. Encarna Sanahuja Yll Award for the Gender Studies Minor at the UAB

The Gender Studies minor has been recognised with the M. Encarna Sanahuja Yll Award for 2019 as part of the Jaume Vicens Vives Prizes awarded by the Government of Catalonia for teaching excellence. The minor in Gender Studies offers UAB students the opportunity to take an optional course that brings together subjects with different gender perspectives. It highlights the need for social change and the impact within the other syllabuses of the different degree courses at the UAB, and the fact that it allows a gender perspective to be included in teaching.



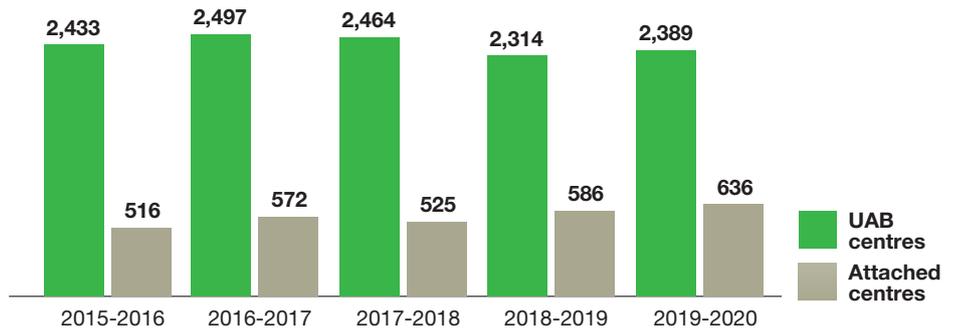
50th Anniversary of the Institute for Education

On 23 October 2019 the Institute for Education of the UAB celebrated its 50th anniversary with an institutional event in the auditorium of the Casa Convalescència. The event was led by journalist Jofre Llompart, and included speeches by the chair of the Institute for Education, Anna Cross, and the rector of the UAB, Margarita Arboix. There was also a round table on the work of the Institute to date. As part of the event a commemorative video and book were also presented.

Headcount for new Master's degree students

38%

of international students are taking official Master's degrees



Bachelor's degrees

During the 2019-2020 academic years we have continued with our new offer of UAB qualifications in accordance with the criteria of the plans approved in November 2017, with emphasis on the transversality that is possible on a campus university. This year we have introduced Bachelor's degrees in Communications in Organisations and Interactive Communication as well as the three-year degree in Sociocultural Gender Studies, pioneering in its multidisciplinary approach in this field, and the Salesian School of Sarrià (EUSS), attached to the UAB, also introduced the Bachelor's degree in Engineering and Renewable Energies and Energy Efficiency.

The capacity for attracting new students in our offer of Bachelor's degrees has continued to increase compared with previous years: more than 9,500 students pre-registered on these courses as first choice in UAB centres, of which 6,748 (3% more than last year) were assigned to UAB courses. Also, 27 of the degrees on offer have a cut-off grade over 10.

Registration of new students in UAB centres was consolidated at around 7,000 students (6,993) following last year's growth. The total number of registrations for Bachelor's degrees was also positive displaying more than 1% growth for the second consecutive year and over 26,000 students (26,272) – a figure that had not been achieved since the 2016-2017 academic year.

In terms of affiliated centres, there was a major increase – 5% for new students, meaning a rise from 1,236 new students last year to 1,299 this year. This growth has given stability to the total number of registrations compared with last year, which was the final year of the disaffiliation of the university schools of Manresa that began in 2015-2016, with the consequent effect on the figures.

The number of graduates from the 2018-2019 academic year was 4,530 in UAB centres, 2.9% fewer than 2017-2018 (4,663) and 926 in affiliated centres, 2.2% fewer than the previous year (1,190).

In terms of the offer of courses approved for 2020-2021 the following should be highlighted: the new Bachelor's degree in Spanish and Chinese Studies: Language, Literature and Culture; the degree in Biosciences, offered jointly with the UPF, the UB and the UPC; the degree in Automotive Engineering at the EUSS; and the renewed studies in Catalan philology with the degree in Catalan Philology: Literature and Linguistics.

Postgraduate studies

The UAB continues to offer over 130 UAB-specific Master's degrees (135 during the 2019-2020 academic year), 40% of which have received the accreditation for excellence from the Catalan Agency for University Quality (AQU). The programmes cover all areas of knowledge and pathways (professionalisation, research, specialisation) and have a great capacity for attracting international students, who this year represented 38% of registered students.

This year saw the introduction of the Master's degree in Tourism Management in Cultural Heritage offered by the School for Tourism and Hotel management (EUTDH), which is affiliated to the UAB, and the new Erasmus Mundus Master's degree in Children's Literature, Media and Culture (CLMC), offered by the Faculty of Education, jointly with five other European universities, coordinated by the University of Glasgow.

During the year a further six official Master's degree courses were approved: Prehistoric Archaeology, Accounts Auditing and Accountancy, European Master's Degree in Infectious Diseases and One Health (IDOH), Entrepreneurship and Social Innovation, Regional Studies and Planning, and Legal and Forensic Psychology.

Postgraduate programmes and students

	Programmes	Student		Total
		Women	Men	
Official postgraduate (2019-2020)				
Master's degrees in UAB centres	108	1,804	1,246	3,050
Master's degrees in affiliated centres	27	549	305	854
PhDs	68	2,615	2,175	4,790
Total	203	4,968	3,726	8,694
UAB-specific postgraduate (2018-2019)				
UAB-specific Master's degrees	135	1,501	625	2,126
Postgraduate diplomas	88	877	344	1,221
Specialisation courses	211	1,722	776	2,498
Total	434	4,100	1,745	5,845

Continuing education

This year was the 25th anniversary of the School for Doctoral Studies and the Graduate School. Originally a single centre, the School for Doctoral Studies and Continuing Education its was pioneering in Spain and based on the English model of postgraduate studies (see the section "Research and Transfer of Knowledge and Technology"). In the area of continuing education the Graduate School has continued the process of applying to its own postgraduate and continuing education courses measures to ensure that the quality is on a par with official studies. Work has also continued to strengthen the training on offer and the relationship with society and the production sector.

During the 2018-2019 academic year the Graduate School ran over 400 UAB-specific Master's degree and continuing education courses with quality teaching and training and improved opportunities for employment for the graduates and professionals who took them – this year around 6,000 students.

MOOCs at the UAB, which have been offered since 2013-2014 through the international Coursera platform, currently total 46 courses and two specialised programmes. During the 2019-2020 academic year there were three new courses and next year nine more are planned. MOOCs offer a different way of teaching to the campus while also generating social returns in the transmission of knowledge.

Employability and entrepreneurship

The Employability Service offers guidance and support to students and graduates of the UAB in the process of professional development through professional guidance activities and the promotion of entrepreneurship with a series of resources for entering the workplace.

During the 2019-2020 academic year the service published 1,286 job offers and work placements and coordinated 2,186 agreements. It also offered 140 professional guidance activities for groups which were attended by 3,575 people and 947 individual professional guidance activities. The international Erasmus+ placement programmes and the UAB Exchange Programme attracted a total of 252 students who were able to do work placements both within and outside Europe.

In the ninth Global University Employability Ranking the UAB was placed 136th worldwide and leader of Spanish public universities. The ranking, published by Times Higher Education, classifies the top 250 universities in the world with the highest scores for the professional quality of their graduates.

nº1

public university in Spain in the Global University Employability Ranking

Highlight



Ratification of the agreement with Banco Santander

On 3 February the rector of the UAB, Margarita Arboix, and the institutional director of Banco Santander for Catalonia, Luís J. Herrero, ratified the collaboration agreement between the two institutions. As a result of this agreement, through Santander Universidades, the bank will finance different projects in the areas of training, employability and entrepreneurship with a budget of 1,250,000 euros.



Emprèn Pitch, the first pitching competition of the UAB

On 11 December the first Emprèn Pitch competition took place at the UAB. Pitching involves a concise verbal summary of the idea or project and strong communication skills. In the UAB competition competitors had 90 seconds to present their idea or project to a professional jury and the other competitors. In accordance with the jury's criteria (originality, level of innovation, social impact, sustainability and presentation of the idea) the three winning students of this first competition were: Hamza Díaz (Bachelor's degree students in Computer Engineering), María José Romero (Biomedical Sciences) and Gloria Arriscado (Biomedical Sciences).



The UAB was the first Catalan university to obtain certification for the quality of internal management processes (SGIQ)

In 2019 the UAB entered into the certification process for the implementation of the SCIG. The positive evaluation of the Catalan Quality Agency for Universities (AQU) certifies the adequacy of the management system for university processes to ensure the achievement of objectives for teaching quality and allows the centres of the UAB to apply for SGIQ certification.

Teaching quality and innovation

In the area of entrepreneurship the **UAB Emprèn** programme brings together a series of initiatives and activities that are carried out with the aim of promoting an entrepreneurial spirit among the students and graduates of the UAB in a transversal and multidisciplinary manner. The programme offers information and training in entrepreneurship with special emphasis on social entrepreneurship and cooperative activities. Among some of the highlights are the UAB Reptes (UAB Challenges) innovation workshops, the UAB STARTUP LAB ND THE “Social and collaborative entrepreneurship” course, which are offered in collaboration with the UAB Research Park and the support of the UAB Board of Trustees.



During 2019 in order to fulfil the quality requirements established in the European directives for ensuring quality in higher education, the transversal teaching quality processes of the UAB were submitted and obtained a favourable evaluation from the Catalan Quality Agency for Universities (AQU). This certification must be obtained prior to and as a requirement for obtaining the certification of the processes at the centre and the institutional accreditation of the centre. During 2019 the Faculty of Psychology was the first centre of the UAB to achieve a favourable evaluation from AQU Catalunya.

In applying the **Internal Quality Guarantee System**, the processes for the creation, modification and monitoring of qualifications has continued. Specifically, in the **process of creation of new qualifications**, four new Bachelor's degrees and eleven new Master's degrees were managed and assessed.

For the **process of accreditation of qualifications**, in 2019 17 Master's degrees and 13 Doctoral programmes were submitted for accreditation. Of the final reports for the Master's degree accreditations, 16 were favourable of which 5 received the “path to excellence” evaluation. Of the 13 doctoral programmes in their final reports 9 were given the evaluation “obtained on the path to excellence” and the other 4 “obtained”. Currently the UAB has an excellence average of 13% in Bachelor's degrees, 40% in Master's degrees and 53% in doctoral programmes in its own centres.

In relation to the **process of student satisfaction surveys**, during the 2018-2019 academic year the semesterly evaluation surveys on teaching practice were planned, managed and the results published for more than 2,00 members of the teaching and research staff as well as the semesterly evaluation surveys for over 3,000 Bachelor's and Master's degrees. Satisfaction surveys were also sent to graduates of Bachelor's and Master's degrees and PhDs and the supervisors of doctoral theses defended.

The **process of evaluating teaching activity**, corresponding to the 2019, evaluated 254 submissions for teaching premiums of which 95.28% were successful.

In terms of the **process of teacher training and innovation**, teaching innovation initiatives have continued this year in the selection of 24 projects. Support was also given to teacher training through the organisation and management of 62 training activities aimed at new and permanent teaching staff, with a total of 875 participants. During the Teaching Innovation Seminar sixteen teaching experiences were presented and a total of 145 lecturers from the UAB took part.

Gemma Puigvert, lecturer in the Department of Antiquity and the Middle Ages, in the Faculty of Arts and Humanities, won the **Second UAB Award for Teaching Excellence**.

Launch of the European EYLBID project on the role of young people as linguistic and intercultural mediators



On 30 and 31 January the first meeting was held for the co-funded Erasmus+ project “Empowering Young Language Brokers for Inclusion in the Diversity” (EYLBID) coordinated by the MIRAS research group of the UAB. The aim

International education projects

During 2019 the UAB continued to promote the participation of teaching and research staff in international competitions for educational projects.

Within the Erasmus+ programme the biggest news was the selection of the ECIU University project in which the UAB participates in the first European Universities call for submissions. The Erasmus Mundus in Infectious Diseases and One Health (IDOH) Master’s degree at the Faculty of Veterinary Medicine was also selected.

As usual the competition with most projects presented and selected was the Strategic Partnerships in the field of education, training and youth, with fifteen projects selected: eleven in the field of higher education (four of them coordinated by the UAB), three in the area of school education (one as coordinator) and one in adult education.

Apart from Erasmus+ the Jean Monnet Activities competition recognised the project “European Union for Third-Country National Students of the UAB” (EUCONAS) at the Faculty of Law as a Jean Monnet module.

of the project is to raise awareness about the phenomenon of young interpreters in secondary education institutions in Europe and about their role as language and intercultural mediators in schools and in society in general. As well as the UAB, other participants in the projects are the University of Bologna, the Open University, the University of Northampton, Leibnitz University in Hannover and the company Kaneda Games.

Language training

During the 2019-2020 academic year, 6,310 student enrolled in 583 course groups offered by UAB Idiomes: 3,549 at UAB Idiomes Campus, in 292 groups, and 2,761 at UAB Idiomes Barcelona, in 296 groups. For courses aimed at teaching and research staff, this was the third year of courses included in the AIDA programme for improving the use of English in teaching.

For foreign language level tests the results this year showed a gradual improvement in the level of English among new students.

In terms of language promotion and activities, the Language Service has continued to offer linguistic and cultural welcome activities aimed at mobility students and staff and was present in other activities such as the annual Festa Major.

In terms of language advice, this year the Language Service presented its internal Nomenclature and continued working on the new terms for inclusion in the official Nomenclature of the UAB, based in work carried out by the interuniversity Working Group in Terminology and nomenclature of the Xarxa Vives. Also, the final version of the Language Recommendation for social networks in universities was published.

Within the framework of the current Plan for languages, the UAB has published five grant competitions to promote increased competence in third languages in the university community and the use of English as a language of work.

Highlight



Orientation and promotion activities

On 4, 5 and 6 February the UAB organised its annual **open days**, allowing suture students and secondary school teachers to find out about the course offer for 2020-2021. During the open days there were talks about the courses by UAB teaching staff for each course as well as activities for secondary school teachers and visit to the Vila Universitària student accommodation.

The announcement of the state of alarm in mid- March forced the cancellation of all other onsite activities for the promotion of the UAB planned for the Spring. however, the university reacted quickly and arranged a number of new activities to maintain contact between students and their studies and the services offered on the campus.

There were also **online fairs** via chat with the participation of teaching staff and students from all degree courses and **over 30 mini-interviews on Instagram with UABers**. The Youtube video “**The UAB in 15 minutes**” was a talk which in other academic years was given at visits to the different centres of the UAB. The UABers replied to the questions “**Why the UAB?**” with the hashtag **#molaqueflipas** (which translates approximately as **#reallycool**), and a long list of other news was published on the **#QuedatACasa** (**#StayAtHome**) website, which following the lockdown was renamed **#TesperemAlaUAB** (**#SeeyouattheUAB**).

Research and transfer of knowledge and technology

no.1

generalist university in Spain in securing resources from the European Horizon 2020 programme



The impact of the research group activities at the UAB and the centres and institutes affiliated to the UAB Sphere has been key to attracting talent and resources and strengthening the internationalisation strategy for research. As a consequence of the results obtained the UAB became the generalist university in Spain with the greatest economic returns from the European Horizon 2020 programme.

This year, with the reception of five new European Research Council (ERC) grants, two Consolidator Grants and Proof of Concept Grants and one Advanced Grant, the UAB and the centres of the UAB Sphere has now received twenty grants from the ERC, centred on funding projects of scientific excellence, during the last European framework programme.

The rolling out of a specific structure to support the management of European projects and the launch of mechanisms for capturing and incorporating talent have been the two key elements in the internationalisation strategy. In order to capture researchers with largescale projects a programme was launched under which in 2019 and 2020 two places are reserved on the research staff for researchers with an ERC project coming to the UAB.

With the aim of promoting the securing of resources for research, this year the UAB launched a microsponsorship programme through which individuals, organisation and companies can contribute to the financing of research projects and solidarity programmes. The

initiative is an appeal for social participation to make progress in the search for solutions to today's great challenges.

As part of the strategy to involve society in the research and innovation ecosystem, this year UAB Open Labs was introduced as a space for experimentation and demonstration of new technologies that allow interaction between different agents in the quadruple helix (cities, companies, centres of knowledge and institutions) in the search for solutions to the challenges posed by society.

Also this year has seen new partners in the Hub B30 platform to promote innovation and competitiveness in the B30 region and has already contributed to 14 R&D projects.

The Severo Ochoa accreditation awarded to the CREAM and the renewal of the María de Maeztu Unit of Excellence accreditation from the Institute of Environment Science and Technology (ICTA-UAB) reinforces the position of the UAB campus as an international hub for environmental research. Also the creation of the Institute for Sports Research consolidates the UAB as a reference point for the study of sport from a multidisciplinary viewpoint. Strengthening of relations with affiliated research centres has also enabled the creation of the Mixed Research Unit in Genomic Medicine UAB – Sant Pau RI.

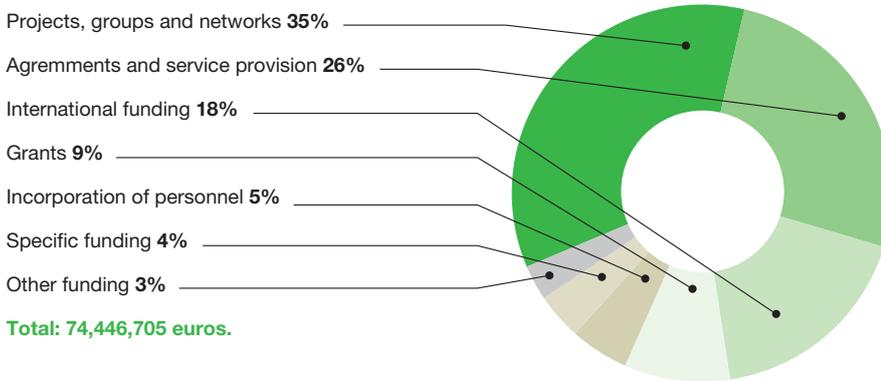
With the aim of accelerating knowledge transfer from the university's research groups this year saw the second call for

submissions to the Proof of Concept Grants for projects which validate the research and bring it closer to the market and to society. Also, the UAB Research Park has given support to innovative projects and the creation of spin-offs. In terms of the valorisation of research findings, in 2019 the UAB retained its leadership among Spanish universities for applications to the European Patents Office.

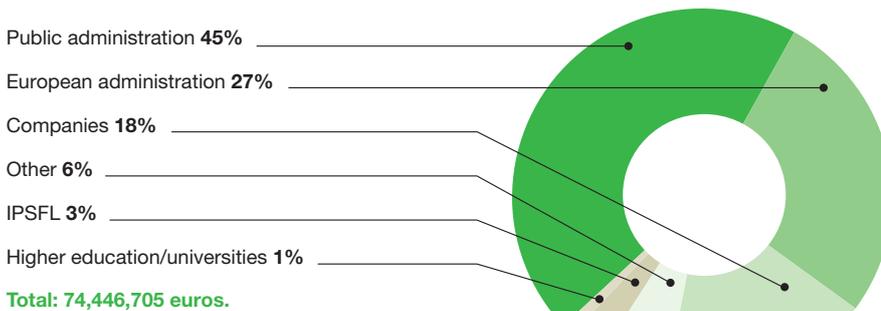
Finally, in terms of research management it is important to highlight that this year the process of introducing a new system of computerised research management (EGRETA) has begun. This system will allow research at the university to be managed integrally and each researcher will have a space for their research and its dissemination.

European Research Council (ERC) grants to researchers at the UAB and the UAB Sphere

Research funding by major category for 2019



Research funding by type of organisation for 2019



Highlight



Albert Rimola and Iñaki Permanyer awarded ERC Consolidator Grants

Albert Rimola, researcher in the Department of Chemistry of the UAB, was awarded an ERC Consolidator Grant for the QUANTUMGRAIN project, which aims to finally reveal the chemistry of the interstellar poles using computer simulations.

Also, Iñaki Permanyer, researcher in the affiliated Centre for Demographic Studies (CED) obtained a Consolidator Grant for the HEALIN project with the aim of getting a fuller understanding of the contemporary dynamic of the population's health.

Victoria Reyes-García and Mariano Campoy-Quiles receive ERC Proof of Concept Grants

Victoria Reyes-García, ICREA researcher at the Institute of Environmental Science and Technology at the UAB (ICTA-UAB) has obtained a Proof of Concept Grant. This award will allow the creation of an Indigenous Climate Change Impacts Observation Network (ICCION) aimed at taking indigenous knowledge and perspectives to the political forums on climate change.

Also, Mariano Campoy-Quiles, researcher in the Institute of materials Science of Barcelona, a research centre of the Spanish national Research Council (CSIC) based on the UAB campus, was awarded a Proof of Concept Grant to work on the development of organic thermoelectrical generators to power low cost sensors for vines.



On 4 February Joan Pino, the director of the CREAM, presented the Severo Ochoa accreditation awarded to the centre by the Ministry for Science and Innovation in the last call for submissions. The ceremony was also attended by Xavier Gabarrell, director of ICTA-UAB centre which is also accredited as a María de Maeztu Unit of Excellence.

Research centres

This year the UAB created the **Institute for Sport Research** – a markedly interdisciplinary centre which brings together different research lines related to the world of sport being worked on at the UAB as well as training and knowledge transfer in this area.

The new institute has 35 senior researchers from fifteen departments who are working on research related to sport from the fields of economics, communication, law, psychology, computer science and education. The research lines covered by the new institute run from data engineering to historical memory, organisation management, education of values and healthy lifestyles.

The institute, which is based in the Communications Library and General News Archive, takes over from the Centre for Olympic and Sports Studies (CEO-UAB) created in 1989, inheriting both its activities and its international network of contacts. The UAB has therefore consolidated its position as a reference point in the area of sports studies.

 **Institut de Recerca de l'Esport UAB**

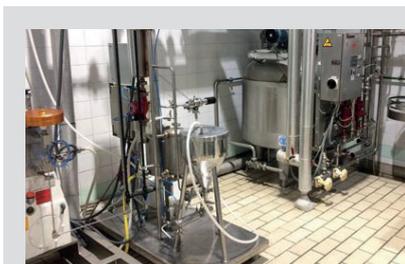
The Severo Ochoa award to the CREAM and the María de Maeztu award to the ICTA-UAB, by the Ministry for Science and Innovation, consolidate the prestige of the UAB campus in environmental research.

The **Centre for Ecological Research and Forestry Applications (CREAF)**, a CERCA centre located on the UAB campus, manages almost one hundred national and international projects proposing solutions to some of the most pressing environmental challenges. Thanks to the Severo Ochoa award, the CREAM will receive a million euros annually for four years to carry out a scientific project to find out more about the environmental challenges arising as a result of global change and more sustainable human development.

The **Institute of Environmental Science and Technology of the UAB (ICTA-UAB)** has been accredited as a María de Maeztu Unit of Excellence for the second consecutive year. This distinction aims to recognise excellence in scientific research and it includes a subsidy of 2 million euros over the next four years.

Over the last four years as part of its own strategic research programme, the ICTA-UAB has focused on establishing the current state of knowledge about climate change and its socioeconomic impacts, and to present solutions for change on a local and regional scale. To that end it has carried out five multidisciplinary strategic projects.

Finally, the Sant Pau Research institute and the UAB have created the **Mixed Unit in Genomic** medicine with the aim of strengthening basic and applied research in the area of diagnosis, physiopathology and therapeutics of genetic diseases and tumour predisposition syndrome.



The Centre for Research in Food Technology (CERTA-UAB) has launched the first pilot and demonstration plant for packaging liquid foods using Ultra High Pressure Homogenisation (UHPH). This technology, which has emerged from the research at the university, allows the stable conservation of juices, dairy, wines and stock in tetrabriks at room temperature without the need for additives.

The new plant can be used by companies in the food sector that are interested in testing their products using UHPH technology and comparing it with conventional heat treatments.

UHPH technology, developed and patented by the UAB is currently licenced to the technological base company of the UAB – YPSICON Advanced Technologies SL.



On 6 November the School for Doctoral Studies and Graduate School celebrated their 25th anniversary in the main lecture hall of the Faculty of Arts. The ceremony was hosted by Armand Sánchez, the Vice-rector for Research and Transfer, and Maria Valdés, the Rector's Commissioner for the Graduate School and Teaching Quality. The event was also attended by different people linked to the history of the Schools and the closing speech was given by the Rector, Margarita Arboix.

PhD studies

This year the **School for Doctoral Studies** of the UAB celebrated its 25th anniversary. Initially part of continuing education, the school has actively worked with department in the university to promote quality and internationalisation of PhD programmes.

With 705 theses defended (2018-2019), 26 % of which had an international research component, the 68 current PhD programmes have a great power to attract postgraduate students in all areas of knowledge and this is reflected in the number of theses written by international students which stands at over 35 per cent.

This year the Department of Philosophy of the UAB and the Picasso Museum of Barcelona launched the Picasso PhD as part of the Contemporary Aesthetics pathway of the PhD programme in Philosophy at the UAB. This is the first initiative of its kind in the international academic arena and it aims to serve doctoral theses dedicated to research on the work of Picasso, from artistic research and contemporary creativity.

As part of the diffusion of the EURAXESS initiative among the UAB community, from this year trainee researchers registered for a PhD programme at the UAB will have access to a UAB Moodle classroom offering the course "All you need to know to be a researcher in Europe". This is a free online course offering details of the initiatives of the European Commission to promote the professional careers of researchers.

Finally, on 22 November the graduation ceremony was held for PhDs and outstanding doctoral awards for the 2019-2020 academic year. Salvador Ventura, director of the institute for Biotechnology and Biomedicine gave the lecture "Breaking up the LEGO: In search of a cure for neurodegenerative diseases".



Inés Villarroya-Marquina won the prize for the Thesis in Four Minutes competition with the presentation of her thesis "Prevalence, endocrine findings and the evolution of hypoparathyroidism following total thyroidectomy". Given the situation produced by the COVID-19 pandemic, the competition was held on line.

Highlight

Óscar Villarroya awarded an ERC Advanced Grant

Óscar Villarroya, a researcher in the Department of Psychiatry and legal Medicine at the UAB and attached to the Hospital del mar Institute for Medical Research (IMIM) has been awarded an ERC Advanced Grant for his project BEMOTHER – an integrating model on adaptation for maternity during pregnancy and after childbirth.

Seven ICREA Academy awards for researchers at the UAB

The Catalan Institution for Research and Advanced Studies (ICREA) has recognised seven UAB researchers with ICREA Academy awards in 2019: Roberto Risch, of the Department of prehistory; Gonzalo Seco, of the Department of Telecommunications and Systems Engineering; Jordi Vallverdú, of the Department of Philosophy; Diana Marre, of the Department of Social and Cultural Anthropology; María José Vega, of the Department Spanish Philology; Antoni Verger, of the Department of Sociology, and David Pérez, of the Department of Economics and Economic History.

Three projects funded by the "la Caixa" Foundation

Three research projects from the UAB and UAB Sphere will receive funding from the new competition for social research run by the "la Caixa" Foundation. Specifically, Miranda Jessica Lubbers, researcher in the Department of Social and Cultural Anthropology of the UAB, will undertake an innovative analysis of social cohesion; Sergio Villamayor, researcher in the Institute of Environmental Science and Technology (ICTA-UAB), will develop state and regional indexes of socio-environmental vulnerability in rural Spain, and Diederik Boertien, researcher in the Centre for Demographic Studies (CED) will analyse inequalities in wealth in relation to different factors.



Launch of the UAB Open Labs network

On 25 November the UAB Open Labs network was launched. This is a series of spaces for experimentation, innovation and demonstration of new technologies and methodologies for the entire university community and for the social and production environment of the university. The two open labs currently up and running are the Design lab in the School of Engineering and the Digital lab in the Journals Room of the Humanities Library.

Strategic research communities

Strategic research communities (CORE) at the UAB are networks of research to generate knowledge focused on strategic challenges and made up of research groups and centres from the UAB and the UAB Sphere. As a result of this strategic conception, the UB has four CORE activities: Smart and Sustainable Cities, Cultural heritage; Mental Health, and Education and Employability.

Among the most important activities carried out this year was the pilot project of the UAB and the **CORE in Smart and Sustainable Cities** in the Covadonga neighbourhood of Sabadell, to create a new space for experimentation and co-creation to test solutions to the city's challenges. This future laboratory will become an open environment where the public can come up with and test solutions to social, urban and environmental challenges faced in the Covadonga neighbourhood, and in Sabadell generally.

The **CORE in Mental Health** has organised the sixth year of UAB Mental Health Seminars at the Germans Trias i Pujol Hospital – this year dedicated to depression. Also, jointly with the AFATRAC association it organised the first seminar under the name of “Just-a-Ment: rethinking justice – Mental Health” at the Centre for Legal Studies and Specialised Training with the aim of creating shared spaces for raising awareness, reflection and debate among the areas of the law, health and the families living with young people with mental health problems who have demonstrated criminal tendencies or behaviour at some time.

As part of the InterMedit projects of the Mediterranean Pyrenees Euroregion the **CORE in Cultural Heritage** and the Digital Lab of UAB open Labs began the process of digitisation and 3D printing of some of the most important pieces of the Ibiza and Formentera Archaeological Museum (Balearic islands), the Museum of Archaeology of Catalonia and the Enserune Museum (Occitania). The replicas will be exhibited in a travelling exhibition which will allow them to be “handled” and they will serve to give people greater accessibility to heritage. Also this year, the Smithsonian Center for Folklife and Cultural Heritage opened the “SomVallBas” exhibition with the participation of a research team from the Department of Social and Cultural Anthropology and the CORE in Cultural Heritage.

Finally, the new **CORE in Education and Employability** organised sessions called Thematic Cafés to bring together informally research staff and regional agents to work on common themes. Specifically, there were meetings dealing with premature school dropout, educational and employment transitions and dual training.



The UAB Open Labs project aims to turn the UAB campus into a space for innovation and demonstration of new technologies and methodologies, both for the research community and for the social land production environment. The network, which is made up of UAB laboratories and other created in collaboration with other agents, aims to become a driver for digital and social change on the campus and in the region.

The UAB Open Labs project began in 2014 when the UAB became part of the European Network of Living Labs (ENoLL). Two years later in 2016 the university also joined the CatLabs network of the Government of Catalonia. The initiative has the support of the “La Caixa” Foundation and the Department of Business and Knowledge of the Catalan government, and it is co-financed through the European Regional Development Fund (FEDER).

UAB Open Labs are open innovation ecosystems which are conceived of as a new instrument for the valorisation of products, the maturity of technologies and experimentation activities. They are open spaces where researchers and regional agents from both the public and private sector can collaborate through the use of digital technologies to co-create knowledge and solutions that offer a response to social needs.



The Governing Council has approved the institutional Open Access Policy for research data at the UAB. The agreement forecasts the deposit and diffusion of final research data from international and national research projects that have received public funding, as long as this is stipulated in the agreement, in the Digital Document Deposit (DDD) of the UAB. This year the DDD received 200,000 entries and it is in fifth place in Spain and 49th in the world, according to the Ranking Web of World Repositories.

Research support services

The UAB has 13 scientific-technical services and 45 laboratories offering services to support different areas and sectors: biotechnology and biomedicine; experimental technologies and sciences; and social sciences and humanities. They are staffed by highly qualified technicians in permanent training to facilitate tailored technical support.

This year the scientific and technical services renewed their website and have included a multilingual search engine for the techniques and services they offer to all the research groups at the UAB as well as external organisation and institutions.

This year the **Chemical Analysis Service (SAQ)** obtained an AENOR Quality Management System Certificate in recognition of the compliance of its management system with international regulation UNE-EN ISO 9001:2015. The SAQ is a scientific and technical service of the UAB set up in 1990 with the main objective of offering support to the scientific community of the university but also to collaborate with other public and private institutions to meet the demand for analysis of researcher's and company projects. It carries out chemical analysis for a multitude of materials, both in research and in controls of primary materials; it offers assessment in the resolving analytical problems and develops and validates specific procedures. It also participates in teaching both at the university and in outside organisations.

This year the **Library Service** approved the 2019-2022 Strategic Plan under the heading "A World of Possibilities". The plan will guide the priorities for the libraries to be able to carry out a large number of actions in line with the strategy of the UAB Horizon 2030 plan.

This year the university libraries have extended their collection of digital monographs in different subject areas and 9% of the course bibliography is available in electronic format.

More than 70% of the consultations received by the Digital Document Deposit (DDD) of the UAB are research materials. It is significant that 82 UAB research groups have published more than 11,000 documents there.

This year the UAB libraries put on 45 exhibitions and organised activities during Open Access Week and Games Week. The Library Service has also worked actively in organising the seventh PKP International Scholarly Publishing Conference, a non-profit initiative by several Canadian and US universities to guarantee universal open access to knowledge and the improvement of research quality in academic publications. This year it took place at the UAB.

For the third consecutive year, the UAB came first place in library efficiency in the ranking of Spanish university libraries (SECABA-Rank).

Highlight

Two UAB projects funded by the Overcome Covid-19 Fund

The Overcome Covid-19 Fund launched by Banco Santander through the Santander Universities, in collaboration with the Conference of Rectors of Spanish Universities (CRUE) and the Spanish national Research Council (CSIC) has financed two projects by research teams at the UAB.

The ES3-PT project on post-traumatic stress aims to achieve early detection of the symptoms of stress in the health professionals involved most directly in the treatment of COVID-19 patients to avoid or attenuate the appearance of serious mental health problems such as PTSD or major depression. The research team carrying out the project is made up of researchers from the UAB and CIBER-BBN Jordi Aguiló, Esther García Pagès, Thais Ribeiro and Carlos Puig, together with researchers from the Hospital del Mar - IMIM, the Hospital Clínic and the Complutense University of Madrid.

The second project, called IGETECO, will analyse the gender impact of working from home and the lockdown routines. Specifically, the research will analyse aspects such as the changes in the use and distribution of spaces, time and tasks at home where paid work has been carried out virtually: the lockdown routines according to life cycle and employment situation; daily routines during lockdown compared with the pre-pandemic routines; the consequences that organising working from home and the lockdown routines have on shared responsibility for tasks and the daily costs of working from home in terms of social, employment, economic and health conditions in the case of women and men. The research team for the study is made up of Sara Moreno and Vicent Borràs (who is also a researcher in the Department of Sociology), who form part of the UAB Centre for Sociological Studies on Everyday Life and Work (QUIT), and Sergi Porcel and Irene Cruz, of the Institute for Regional and Metropolitan Studies of Barcelona (IERMB).



The B30 Hub was awarded a prize in the category of projection of the city, at the 8th Cerdanyola Business Night which took place on 21 November at the Campus Hotel. The Animal Welfare Education Centre (AWEC) of the UAB received the Rotary Impulse Grant for Entrepreneurship, and Ability Pharmaceuticals, a company attached to the UAB Research Park won an award in the start-up category.

UAB Research Park

This year, the UAB Research Park has continued its work to enable the research carried out at the university to reach society, while promoting activities to resolve the challenges in the region and to help to introduce innovation in companies. Specifically, the Research park has supported more than twenty projects to meet specific innovation challenges and has developed different ideas laboratories based on design thinking methodology to promote innovation in specific sectors.

The UAB Research Park has also actively collaborated in the creation of the Genomics network for One Health: Microbial Resistances and has also participated in different project networks and platforms such as the InnoÀpat Community and the communication platform for the agro-food sector of the Catalan Institution for Agricultural Studies (ICEA).

In terms of **innovation projects**, the UAB Research park has promoted and managed different collaborative projects between research staff, companies and regional organisations. Along this line it took part in ten projects funded by the European Union, two of which it is coordinating. Also worth highlighting is the SO-CLOSE project which aims to contribute to social cohesion and integration through mutual understanding between refugees and the European societies that take them in.

The Research Park has also managed to mobilise 3 million euros of European funding for innovation projects in regional companies.

In the area of **entrepreneurship**, the UAB Research Park has organised the 10th Generation of Ideas Programme, this year centred on finding solutions to meet the challenges of smart food, such as reducing food waste, plastics and the use of antibiotics. This initiative has included an ideas laboratory, an entrepreneurship programme and a final stage of prototypes and validation of the solutions in the UAB Open labs. This year saw the participation of thirty researchers who presented five projects. The programme was sponsored by the Board of Trustees of the UAB, Barcelona Synchrotron Park and the Andrés Pinaluba company, and falls within the European HIGHER project. The project selected as being the most innovative in the programme was Cellupack, with a proposal for the use of material derived from cellulose as a plastic substitute for different types of single use packaging. This material is biodegradable, soluble and has a minimum ecological footprint.

Given the consolidation of the UAB Research park as an instrument for the transfer of knowledge for the founding organisations, this year a takeover bid was agreed with the Business and Science Foundation (FEC) with the aim of improving and optimising activities carried out by the FEC. The foundation was created on 2 May 1983 with the objective of bringing

the world of finance and the university closer together through informative activities, management of competitive research projects and the management of teaching projects involving student work placements, among others. As a result of the takeover this year the UAB Research Park launched the Consolidat program to offer support to micro-companies and freelance workers to consolidate, strengthen or reinvent their businesses. This initiative offers free personalised advice and training in business management to micro-companies, freelance workers and dependent freelancers, as well as former freelancers who wish to resume their activity.

In terms of **company creation**, this year the Research Park has helped to create two companies from research carried out on the UAB campus, and has also given support to four new start-ups which have joined the network of companies of the park.





The Agency for Company Competitivity (ACCIÓ) of the Government of Catalonia has joined the B30 Hub this

year, bringing the number of agents for research, development and innovation in the B30 region to nine. The members combine their capacities to meet the needs and innovation challenges of companies and institutions in the region through cooperation and interaction.

B30 Hub

During this academic year the B30 Hub has expanded significantly. The initiative, started by the UAB the UAB Research Park, Eurecat and the B30 Area Association to promote innovation in the region, has welcomed new members and has commenced affiliations with company representatives. The objective is to bring together new organisations to offer innovative responses based on interaction and collaboration in an environment of co-creation and co-generation of ideas that is both multidisciplinary and multisectoral in order to improve competitiveness in the region.

The nine organisation that have signed the affiliation agreement with the B30 Hub are: the ALBA Synchrotron, ESADE Creapolis, the Universitat Politècnica de Catalunya - BarcelonaTech (UPC), ACCIÓ, Vallès Occidental County Council, Sant Cugat Empresarial, Cerdanyola Empresarial, the Union of Industrial Estates of Catalonia and Cecot.

During the 2019-2020 academic year the B30 hub has organised three innovation brunches to find out about the most disruptive technologies and their impact on the business and social fabric. Specifically, it has broached technological and innovation challenges in sport, trends in biopharmaceuticals and the lack of protection of industries and organisation in the face of digital crime.

Two years after the creation of the B30 Hub innovation initiative, the UAB Research Park issued a survey about its impact with the idea of guiding future actions to make it useful for the research

and innovation aspirations of the organisation in the B30 region. The results showed that the initiative has contributed to 14 R&D projects, most of which are product innovation projects, but there were also projects for research and the improvement of services and processes.

Valorisation of research and patents

In 2019 the Office for Valorisation and Patents of the UAB received 59 new inventions from the university's research groups. This figure represents an increase of almost 20% compared with the previous year. In addition the UAB obtained 0.44 inventions for every million euros invested in research – a figure substantially higher than the European average. By sector, most of the inventions came from the field of human health, ICT and electronics. The other main sectors were animal health and welfare, physicals and material sciences. During 2019 the UAB also applied for 16 new unique priority patents and, considering the total number of patents applied for (priority and international extensions) the number rises to 48. Also in 2019 the UAB maintained its leadership in patent applications to the European Patents office and was number six among organisation and number one among universities in Spain.

Highlight



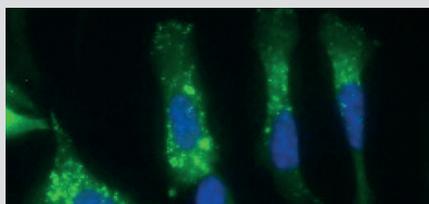
AEInnova receives the BBVA Prize for innovation in environmental sustainability

The spin-off company from the Department of Microelectronics of the UAB, Alternative Energy Innovation (AEInnova), has received the BBVA Prize for Innovation in Environmental Sustainability for developing technology that allows residual heat from industry to be captured and converted in clean energy. The jury highlighted the fact that AEInnova is a project that has emerged from university research which is innovative, has an impact on industry and contributes to the circular economy.



The Cellupack project wins the Generation of Ideas Programme competition

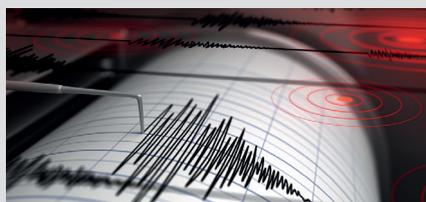
The Cellupack project has won the 10th Generation of ideas Programme organised by the UAB Research Park. The winning team proposed the use of a cellulose derivative to substitute plastic for different kinds of single-use packaging. The Generation of Ideas Programme was focused this year on smart food and aims to create synergies between research staff, companies and organisations to generate projects that offer new business models.



A new path identified to attack tumour cells

A study coordinated by José Miguel Lizcano of the institute of Neurosciences and the Department of Biochemistry and Molecular Biology of the UAB has identified a new anti-tumour mechanism based on

introducing massive stress in cancer cells to make them self-destruct by autophagia. The mechanism was discovered in the ABTL0812 anti-tumour drug study in clinical testing. The results have been validated with samples of oncology patients and published in *Autophagy*.



Earthquakes, hurricanes and natural disasters obey the same mathematical patterns

Álvaro Corral and Álvaro González, researchers in the Centre for mathematical Research (CRM) and the Department of Mathematics at the UAB have made the most precise statistical analysis to date of a series of natural phenomena that can cause disasters. Using new statistical tools they have rigorously shown how the frequency of many of these phenomena can be described using the same mathematical law.

Research dissemination

During the 2019-2020 academic year there were 131 dissemination campaigns for research by individual researchers and research groups at the UAB and this resulted in 1,677 mentions in the Spanish media of which 1,497 were in press, 113 on radio and 67 on television.

In terms of international dissemination, 44 press releases were sent to international agencies. The releases issued by the AlphaGalileo agency obtained 16,051 visits from science journalists and those published in Eurekalert, 105,746 visits. In total 121,797 visits were counted from specialist journalist in science in different international media.

Also 103 articles were published in the e-journal UABDIVULGA, which has 2,850 subscribers. During 2019-2020 the publication received 309,564 visits.

Among the research that has had the greatest dissemination the work related to different aspect of the COVID-19 pandemic should be highlighted, Specifically, two studies which conclude that young people living with the elderly could induce more than half of all contagion and that elderly Latin Americans are more exposed to the illness than Spanish; the donation campaign for a vaccine against the virus; the incorporation of professors Joaquim Segalés and Júlia Vergara in the WHO working group on animal models of the disease; and the development of a mathematical model to estimate the number of real cases of infected persons.

In the area of biosciences and health sciences there was dissemination of the identification of a new path to attack tumour cells, the creations of artificial inclusion bodies for the controlled liberation of medicines, research into the possible origin of mad cow disease, a meeting of more than 2,000 international experts in gene and cell therapy co-organised by the UAB and the European Society for Gene and Cell Therapy, the micro-sponsorship campaign for research into a drug against Parkinson's disease and the first results of a clinical trial in gene therapy for patients with Fanconi anaemia.

There were dissemination campaigns for the findings of different research projects involving the environment and ecology, among which was the affirmation that defenders of environmental justice are victims of violence and murder, the discovery of high concentrations of lead in the wild fauna of Amazonia, the changes in the quality of high mountain water in the Pyrenees as a result of climate change and the annual spillage of 2,200 million microplastics in the Mediterranean Sea from the River Ebre.

For mathematics, technology and experimental science the following have been disseminated: a new protocol for the classification of quantum data which brings us closer to a future "quantum internet"; a studies demonstrating how earthquakes, hurricanes and other natural disasters follow the same mathematical patterns; the development of an experimental bioreactor which will produce biopesticides from urban organic

waste; the biological decontamination of an aquifer; and the use of nanoneedles to increase the capacity and robustness of digital memories.

In the social sciences the dissemination of a study on the depopulation of Spain in medium sized and small cities in the interior and the north is also highlighted, as well as the protocol for the prevention of arranged marriages and a study on the deficiencies in the application of the Catalan protocol against female genital mutilation. Also disseminated was the creation of a computer platform to help small tourist enterprises to make their businesses more sustainable.

The creation of the Picasso Doctorate with the Picasso Museum, research into how the intensive management of crops and livestock favoured the economic development of the agaric site of La Bastida, the presentation of a doctoral thesis on pioneering composers of Catalonia, the archaeological discovery that Alpine rock axes were amulets of social and economic exchanges during the Neolithic period, and the compilation of a series of some of the most ancient documents in Catalonia in Latin in an international publication were some of the highlights of dissemination in the field of the humanities.

Finally, among the dissemination campaigns for events organised this year are the launch of a sponsorship platform, the creation of the Mixed Research Unit in Genomic medicine by the Sant pau Research Institute and the UAB, and the creation of the new Institute for Sport Research and the Observatory for Digital Capacity and Employment.



A study reconstructs the diet of the Agaric society

Researchers Vicenç Lull, Rafael Micó, Cristina Rihuete and Roberto Risch of the Social and Mediterranean Archaeological Research group (ASOME) of the UAB have

led an international study which has reconstructed the diet of the Agaric society (2220-1550 BCE) allowing us to see the strategies for subsistence of the different populations of this archaeological complex in the south-east of the peninsular, Published in PLOS ONE, the study has involved recovering biological material from the excavations in La Bastida (Totana, Murcia), one of the first cities in Europe, and Gatas, another smaller settlement (Turre, Almería).

Highlight



27th Annual Conference of the European Society of Gene and Cell Therapy

From 22 to 25 October 2019 more than 2,000 researchers and professional in the area of gene and cell therapy met in Barcelona for the 27th Annual Conference of the European Society for Gene and Cell therapy. organised jointly with the Spanish Society for Gene and Cell Therapy, Fátima Bosch, director of the Centre for Animal Biotechnology and Gene Therapy of the UAB (CBATEG), chaired the Local Organising Committee. The meeting included some of the main international experts in basic and clinical research in gene therapy and cell therapy as well as representatives of leading pharmaceutical and biotech companies in the sector and also patients associations.



INCOM presents the 10th communication report in Catalonia

On 17 December the institute of Communication (InCom-UAB) presented its 10th *Communication report in Catalonia*, dedicated to the 2017-2018 biennial. The event took place at the Palau Robert in Barcelona and was chaired by Ignasi Genovès, Director General of Media of the Government of Catalonia, together with Amparo Huertas, director of InCom at the UAB.

The UAB in the international rankings

The results achieved by the UAB in the main world university rankings highlight the importance of the results of research activity by the university's research groups.

In the 2020 edition of the Times Higher Education World University Rankings, the UAB obtained 157th position in the world and 95th position in terms of the impact of its research articles. in this year's QS World University Rankings the UAB was placed 213th in the world. in terms of scientific areas the UAB is positioned among the hundred best universities in the world in nine disciplines of the QS World University Ranking by Subject and among the first hundred and fifty in the work in the areas of arts and humanities, social sciences, economics, education and medicine in the Times Higher Education Ranking by Subject. The UAB has also attained the position of fiftieth in the world in the area of veterinary medicine and among the top hundred in the world in the areas of agricultural sciences, geography, oceanography and biotechnology in the Shanghai ranking (Global Ranking of Academic Subjects 2020).

157th

in the world in the Times Higher Education WUR



The River Ebre annually spills 2,200 million microplastics into the Mediterranean Sea

Rivers constitute the main source of contamination by microplastics in the seas. A large part of these pollutants accumulates in the beach areas and in the sediments of the river mouths. This research by Laura Simón, Michaël Grelaud and Patrizia Ziveri, researchers in the Institute of Environmental Science and Technology of the UAB (ICTA-UAB), and Jordi García-Orellana, from the Department of Physics of the UAB, analyses the concentration of microplastics in the Ebre delta. The results of the study show that the superficial waters of the Ebre spill around 2,200 million microplastics into the Mediterranean Sea every year.

International projection



Launch ceremony for the ECIU University

On 7 November the ceremony took place to mark the formal start of the ECIU University project – one of seventeen international projects selected by the European Commission in the Erasmus+ competition for European universities. The ceremony took place at the Casa Convalescència and was attended by the university authorities of the European

Strategic lines

Each year the strategic actions in the line of international relations, internationalisation and international projection broaden the network of universities and institutions with which the UAB collaborates in terms of training (double degrees, minors, faculty-led programmes, mobility and exchange agreements), research (networks and joint projects), transfer and cooperation. This strategy means working closely with the research centres and teams.

This year a special highlight has been participation in the ECIU University – one of seventeen international projects funded by the European Commission to create international universities. The launch of this initiative, which falls within the framework of the European Consortium of Innovative Universities (ECIU), took place at the UAB in November 2019. The ECIU University will allow a qualitative step forward to consolidate and bring into line innovation strategies in the areas of teaching, research and knowledge transfer, while articulating the different initiatives for the co-creation of knowledge, public participation in research and innovation in training from the development of microcredentials and the incorporation of a challenge-based focus for all three activities.

In terms of the internationalisation of our course offer, over the four years of its existence the AIDA programme has allowed twelve faculties to receive support for increasing the teaching on bachelor's degrees in the English language, with the number of subjects rising from 250 to 350. The UAB Summer School has also welcomed 250 students this year in a course held on line as a result of the COVID-19 pandemic.

Institutional visits and trips

The start of this academic year was full of activities and visits by representatives of international institutions. We received representatives from universities in Argentina, Brazil, Costa Rica and Chile. The visit by the rector of the University for Development in Chile, with which we are working to extend collaboration in the area of research and that by the representative of the Olympic Committee of Costa Rica to the Centre for Olympic Studies at the UAB were two of the highlights.

Different meetings took place with Australian institutions, in particular the RMIT. In September a delegation led by the vice-president of the RMIT University Vietnam visited the UAB to extend collaboration in the area of tourism and to discuss the offer of paid work placements in Vietnam, the KA107 programme and industrial PhDs. In February the director of the Centre of Research Excellence in Healthy Liveable Communities of the RMIT University met with representatives of the ICTA to talk about possible joint research projects. There were also meetings with Brown University, member of the Consortium Advanced Studies Abroad (CASA), of which the UAB is also a member, and with the University of Western Ontario which has signed an exchange agreement and shown great interest in the UAB Barcelona Summer School.

The UAB also received a visit of the cultural attaché of the Saudi Arabian embassy to promote the Arabic language. The Ukrainian consul also showed an interest in students from the Ukraine studying for Master's degrees and PhDs at the UAB and in the Faculty of Translation and Interpreting taking on a Ukrainian teaching assistant. Finally, another highlight was the visit by the president of the Catholic Institute of

Kabgayi (Rwanda); through the FAS a student from that university had the opportunity to do a Master's degree in social sciences at the UAB.

In terms of institutions, visits during the 2019-2020 academic year the Universitat Autònoma de Barcelona took part in the international fair of the European Association for International Education (EAIE), which took place in Helsinki from 24 to 27 September. The APAIE 2020 and the NAFSA 2020 fairs which were due to take place in the Spring had to be cancelled because of the COVID-19 pandemic. In the framework of the joint internationalisation strategy of the 4 Universities Alliance the UAB made an institutional visit to Namibia and Botswana in October.

International agreements

Apart from the agreements of the Erasmus+ programme, the Area of International Relations has managed over ninety general and specific collaboration agreements, student exchange agreements on the UAB Exchange Programme and has renewed some existing agreements. The total number of agreements signed was 46.

Of these 46 agreements one of the highlights was that signed by the rectors of the ECIU to launch the ECIU University as part of the Erasmus+ Higher Education: Knowledge Alliance (see above). In terms of relations with higher education institutions in North America, a new collaboration was signed with the University of British Columbia in Canada and also a new alliance with the University of Hawaii, which is a particularly attractive destination for students of science and biosciences. The agreement with the

Consortium of Innovative Universities (ECIU) and representative of the French, Italian, Dutch, Brazilian, Mexican and Portuguese consulates. ECIU University proposes an innovative university model without borders based on the involvement of institutions and companies. The aim is to achieve a new international university concept that goes beyond the Erasmus-style mobility programmes and international relations

and is based on new and more flexible forms of training, research and transfer that are internationalised and based on solving the challenges generated by society.



Participation in networks and consortia

CASA consortium was also renewed. The consortium is made up of four Catalan universities (UB, UPF, UPC i UAB) and twelve of the best universities from around the world including six Ivy League institutions. The agreements with the University of California and the faculty-led programme of the Faculty of Biosciences with the Technological Institute of Georgia were also renewed.

The student exchange agreement with the Singapore Management University of Business, a highly prestigious institution in the field of social sciences, is of particular note. The agreement with the China Scholarship Council (CSC) was renewed allowing highly qualified Chinese students to take PhD courses at the UAB and different exchange programme agreements were signed with Japan. Relations with Russia have increased thanks to different agreements signed with the Faculties of Translation and Interpreting, the School of Engineering and the Faculty of Science.

A new collaboration has been established with the Brazilian embassy and consulate to establish a Portuguese teaching assistantship at the Faculty of Translation and Interpreting during 202-2021. Different student exchange agreements have also been signed within the SUI IURIS network between the Faculty of Law and different universities in Latin America. Other countries with which we have also increased our collaborations are the countries of south-east Asia (Thailand, Vietnam and Indonesia). Relations have also grown with African countries such as Uganda, Namibia and Botswana.

The UAB participates very actively in events organised by the networks and consortia of which it forms part. This year the activities carried out during the **ECIU** summit at the UAB during the first week of November were of particular note. The university hosted the Leadership Development Programme (LDP), with 25 representatives from the teaching and research staff and administration and services staff from the universities of the consortium. There was a meeting of the communication and promotion teams from the different universities. The ECIU University project was launched and the ECIU Board Meeting hosted with discussion of the strategic themes of the consortium and the Erasmus+ Alliance agreement of the ECIU University project was signed. Support was also given to the ECIU Support Horizon Europe budget to lobby and increase the research budget.

For the **YERUN** networks activities, la UAB participated in all the general meetings and the working group meetings. It also collaborated in the drawing up of the YERUN Strategic Plan 2016-2020 and the preparation of the document The orientation paper for Horizon Europe Strategic Planning.

The international activity of the **4 Universities Alliance (A4U)** saw institutional visits to Namibia and Botswana in October 2019 and also a return campus visit by the Thai universities delegation which invited the **A4U** in November.

Finally within the framework of the **CRUE**, this year the UAB has taken over the coordination of the international researcher mobility sub-group.

Highlight



Institutional visit of the A4U to Namibia and Botswana

As part of the joint internationalisation strategy of the four universities that make up the 4 Universities Alliance the vice-rector of International Relations of the UAB formed part of the A4U delegation that made an institutional visit to Namibia and Botswana in October 2019 with the aim of establishing relations with the most important universities there, give information about the offer of courses in English in the universities of the A4U and established the bases for promoting the signing of collaboration framework agreements between the universities visited and the A4U.

The ECIU University to receive funding for the Horizon 2020 programme to strengthen research and innovation

The ECIU University will receive 2 million euros from the Horizon 2020 programme to reinforce its research and innovation mission and to launch SMART-ER, the research institute of the ECIU University for European SMART regions. The SMART-ER research institute will carry out and implement research and will valorise and secure solutions to the current and future challenges of the sustainable development goal 11 of the United Nations: to ensure that cities and human settlements are inclusive, safe, resilient and sustainable. The aim is to establish a new model of research and innovation without walls while promoting dialogue with society, overcoming the limitations of disciplines, sectors and countries and based mainly on an environment of virtual collaboration.



21.5%

of graduates in 2018-2019 spent time abroad

Welcome and support for international students

The **International Support Service** carries out different tasks to welcome and offer support to international students at the UAB, both before their arrival and during their stay. In all throughout this academic year there were 6,005 personal appointments for international visitors – a fall in the previous years' figures not only as a result of the closure of the office during lockdown but also as a result of a higher number of online enquiries. Of these appointments half were related to obtaining and renewing permits to live or work in Spain and 32% were related to the different exchange and study abroad programmes.

The UAB offers foreign students a programme to welcome them on arrival and make their stay and integration in the university and the country easier. The **International Welcome Days**, which are held each semester, are filled with activities which enable the international students to get to know the campus and the services and interest groups that exist at the university: the **Mentor programme** for peer accompaniment and support, the **Tandem programme**, for language exchange and improved speaking fluency, and the **Buddy Programme**, which offer student on the UAB Barcelona Summer School, easier integration. This year all of these programmes took place on line.

Mobility programmes

During the 2019-2020 academic year UAB participation in the **Erasmus+** programme enables 660 students from the UAB to study in European universities and beyond the continent and enabled the UAB to welcome a total of 881 students. Within the same programme 49 members of teaching staff from the UAB and 12 members of the administration and services staff spent periods in European universities and 116 students did company work placements.

The Spanish **SICUE** programme facilitated the mobility of 159 students of which 97 were welcomed by the UAB and 63 UAB students spent periods in other universities in Spain.

The **UAB Exchange Programme**, which enables mobility for students to non-European countries saw the departure of 270 students abroad while the UAB welcomed 356. Also 136 student from the UAB did work placements in companies and institutions around the world thanks to the work placement mode of the programme.

The **Specific Programmes for International Students – Study Abroad** registered 2,179 students of which 1,680 were in the Pre-Established mode which offers training in Barcelona. These courses continue to be very popular among students from the United States, China, Brazil and Germany who are seeking courses in economics and business, art and architecture, history and languages. The Selected Courses, which involve taking Bachelor's degree subjects, registered 71 students. As a result of the pandemic the Tailor Made courses were only able to offer five of the planned 15 programmes, with a total of 428 students from the USA, Uruguay, UK and Argentina.

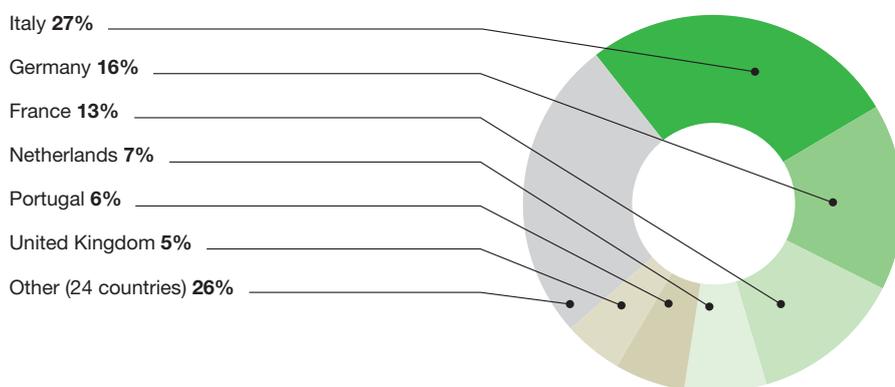
UAB Barcelona Summer School

Despite the situation of the COVID-19 pandemic, the UAB Barcelona Summer School 2020 was able to go ahead thanks to it being adapted to online format. 309 students registered and 250 participated, of which 80% were students of the UAB. There was a significant number of students from the ECIU and YERUN networks as well as from the Netherlands, Lithuania, Turkey, Egypt, Algeria, Brazil and Australia. Two students from the programme managed by the FAS also took part.

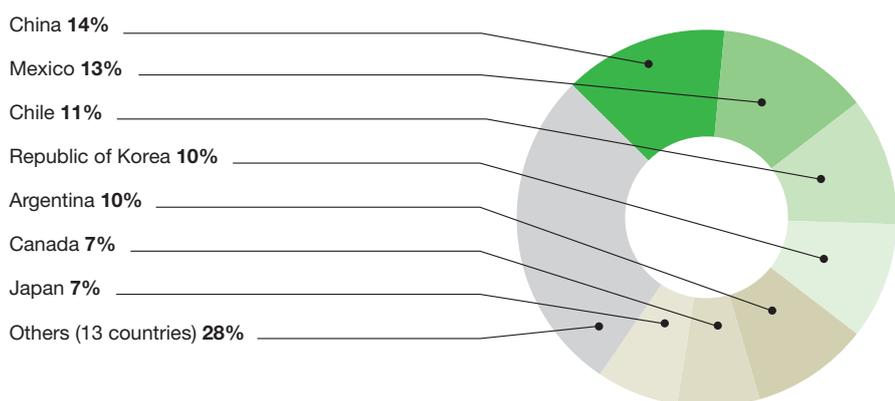
Participants in mobility programmes 2019-2020

	in	out
Erasmus Studies	881	660
Erasmus Placements		116
UAB Exchange Programme	356	270
UAB Exchange Programme Placements		136
SICUE	97	63
Study Abroad	2,179	
Total	3,513	1,245

Country of origin of international Erasmus students at the UAB, 2019-2020



Country of origin of students on the UAB Exchange Programme, 2019-2020



Highlight



The UAB participates in the first EAIE fair in Helsinki

This year the UAB once again took part in the EAIE fair – the most important for international higher education. The fair took place in Helsinki from 24 to 27 September and was attended by 5,500 professionals from 95 countries. Representing the UAB it was attended by the vice-rector for International Relations, Màrius Martínez, and other representatives of the Area of International Relations and International Projects Office. During the fair the UAB delegation met with over forty universities from around the world to expand its international collaborations. In 2020 the EAIE fair is planned to be held in Barcelona.

International cultural seminars

On 10 December the UAB organised a day of activities to find out more about the culture of the United Arab Emirates. There were workshops from henna and Arabic calligraphy to a talk about the culture and heritage of the UAE. On 11 March the East Asia Cultural Seminar took place with the aim of providing a closer look into the traditions most deeply-rooted in Asian culture with activities, music and typical food from China, Korea and Japan.

Social and environmental commitment



On 29 October the award ceremony for fourteen new Ithaca-Banco Santander salary grants took place. The grants are awarded by the UAB and the Banco Santander through Santander Universidades, to facilitate university access and continuing studies for promising young people from difficult socio-economic environments.

Commitment to the environment

The commitment of the UAB to the community and the region is reinforced every year with policies and actions for social and environmental responsibility carried out both on the campus and in the local municipalities.

Together with the rest of the Catalan public universities the UAB has joined the Catalonia Alliance 2030. This initiative brings together organisations and institutions with a commitment to working towards the 17 sustainable development goals (SDGs) objectives of the United Nations in the areas of environmental responsibility, equality, health and welfare. This year the UAB has carried out a series of awareness-raising and training activities on the question of climate change as part of the declaration of climate emergency approved the previous year.

Despite the health crisis the UAB has continued to offer programmes and actions aimed to preserve equality of opportunity in the access to higher education and socio-educational programmes in collaboration with educational centres that were already in pace. Some of these have been adapted to comply with the health and safety regulations: online actions, the reorganisation of spaces and people, the introduction of new formats and the creation of a team of volunteers offering specific support to hospitals.

Student equity and support

To achieve the objective of promoting equity and equality of opportunities in the access and continuation of university studies, the UAB has a series of grants available for students on low incomes.

In 2019-2020 the number of grants awarded in emergencies to relieve the situation of university students with serious economic difficulties was 63.

Despite the take-up of economic aid for curricular work placements which was established two years ago this year we have been unable to grant as much aid due to the number of placements being reduced by the pandemic, with a total of 41 being awarded. The aim of these grants is to compensate situations in which students cannot attend obligatory activities off campus for economic reasons.

However, this year 14 new Ithaca-Banco Santander salary grants were awarded to high performing final year secondary students from difficult socio-economic backgrounds to be able to study at the UAB. Also, the Fundació Autònoma Solidària (FAS) with the support of the Board of Trustees of the UAB has awarded eight Impulse grants to students with disabilities to facilitate their attendance at the university and enable them to complete their higher education.

University-Society Programme of the Board of Trustees

As the body engaged with the participation of the university in society, the Board of Trustees promotes the University-Society Programme which contributes to reinforcing links between the university and society and the region through a series of strategic actions.

Actions included within the programme are aimed particularly at students, both before they come to university (support for socio-educational programmes to encourage academic success for students at risk of social exclusion, such as UniX and Let's Go), during their time at the UAB (funding for Impulse grants and the support programme for students with special needs) and once they have completed their studies (UAB Alumni network, UAB Impulse programme for entry to the workplace).

The Board of Trustees also works in strategic areas of the university such as innovation, entrepreneurship, knowledge transfer and integration in the region.

In total the volume of resources agreed for the 2019-2020 academic year for Society-University and University-Company projects was 128,269 euros.



Socio-educational programmes

The UAB offers different socio-educational programmes with the aim of reinforcing relations between society and the university, specially designed to strengthen links between secondary education centres and introduce future students to the university in accordance with the needs of the social environment. These programmes take place both on the campus and in the different educational centres in the surrounding area.

Programmes such as the well-established Ithaca Campus and Argon programme promote the relationship between the university and secondary school students with the aim of promoting the continuation of the students' studies once they have finished compulsory secondary education. The Argon programme offer final year upper secondary school students and higher vocational studies (CFGS) students support to get a place at the university through support for their school work, training sessions, company placements and the Argon Prize for the best end of course project.

These programmes are complemented by other initiatives to attract future students to the UAB such as the Physics and Maths Saturday Club, Interactive Chemistry Workshops, the Debating League for upper secondary and secondary students, Science Week, and new programmes launched this year such as "Mad for the Earth" by the ICTA and the Catalonia La Pedrera Foundation and the 3ts project to promote careers in science and technology among secondary students.

To underline out commitment to the surrounding area and especially some of the least favoured sectors of society, the UAB also offers a series of programmes with the social function of avoiding school

New ICTA-UAB initiative: "Mad for the Earth"

Some three hundred final year secondary school students have embarked this year on a special adventure as participants in the 8th year of the Mad for Science programme of the Catalonia La Pedrera Foundation. Of these students 21 will take part in the "Mad for the Earth" course run by the ICTA-UAB which aims to bring young people closer to the big challenges that the earth will have to face over the next century.

dropout, risks of exclusions and motivating children and young people to continue studying once they have completed their compulsory education. Examples are the CROMA 2.0 programme which this year launched a summer camp and support for students in lockdown, the Let's Go programme, the UniX programme and the Shere Rom programme, which organise participation activities on the UAB campus or in educational centres in the surrounding area.

Altogether this year more than 2,500 students were able to take advantage of the socio-educational programmes organised by the UAB.



On 3 March the 20th anniversary of the **University within Reach** programme was celebrated in the auditorium of the Rectorat building. The ceremony was hosted by Tomás Peire, academic coordinator of the programme and it was also attended by the rector, Margarita Arboix and the Commissioner for the Graduate School and Teaching Quality, María Valdés. Joan Subirats, Professor of Political Science at the UAB gave a speech entitled "Education and Culture for All Ages: the best guarantee for the future".

The University within Reach programme focuses on continuing education linked to active ageing.

Highlight



16th year of the Ithaca Campus

298 students from 60 secondary schools and 21 municipalities took part in the 2019-2020 Ithaca Campus, which this year was adapted to the health restrictions. Thanks to their time at the UAB the young people from final year compulsory secondary education had the opportunity to find out at first hand what a university campus is and how it works as well as gaining motivation and references to encourage them to continue studying.



Argon Prizes Award

The jury awarded 42 prizes in the 17th year of the Argon Awards for final year upper secondary school projects. 373 projects were presented and divided into six areas of knowledge. The same jury awarded seven prizes for CFGS projects from a total of 40 presented. It is anticipated that the prizegiving ceremony will take place next year.



On 2 December the UAB celebrated the 2nd Institutional Workshop in Commemoration of the International Day of Persons with Disabilities. The ceremony included the presentation of **APNEU** (Attention for Persons with Specific Needs at University) and the award of the **Impulse grants**.

Social programmes and volunteering

Through the Fundació Autònoma Solidària (FAS) the UAB works towards a university that is more committed to society through social action and the promotion of participation of the university community in volunteering projects. This year, 387 people including students, teaching and research staff and administration and services staff, volunteered at the university.

The social volunteering programmes such as the Justice Programme (in prison or youth detention centres), socio-educational programmes and the Public Health Programme offered support to 1,899 people at risk of social exclusion or experiencing personal or health problems. Groups of students also promoted awareness-raising for the environment, food waste and healthy habits.

As a result of the health crisis caused by COVID-19, the FAS launched a new volunteer team to offer logistical and communication support at the Vall d'Hebron Hospital in Barcelona. 33 students from the UAB took part.

Cooperation for development

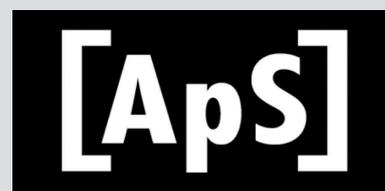
The UAB Solidarity Fund issued two calls for applications this year with a total funding of 70,000 euros. The first was aimed at teaching and research staff and administration and services staff to finance five international cooperation projects and four initiatives in the area of education for global justice. The call for student applications will support ten projects by postgraduate, master's degree and PhD students. These projects will take place in Brazil, Colombia, Cuba, Mexico, Ecuador, Lebanon, Mali, Senegal, Tunisia, Uganda, Uruguay, Vietnam and Chile, and four initiatives will take place on the UAB campus.

On International Human Rights Day the microsponsorship campaign for the Refugee Programme (#UABRefugi2019) was concluded. The campaign was a great success, raising €13,174 destined to 10 students who had been forced to flee their countries and able to resume their education at the UAB.

Disability support

The PIUNE is the support service for disabled students or students with special educational needs and it offers guidance to UAB students and promotes measures of support for disabled students while they are studying. The programme also manages the adapted transport service on the Bellaterra campus and offers a service to accompany people with orientation problems around the campus.

This year the PIUNE offered support to 282 students. The main challenge since the month of March has undoubtedly been the introduction of online teaching, involving a special effort making digital adaptations and accompanying students and staff to ensure accessibility in this new online context of teaching and assessment.



44 use ApS methodology for their degree final projects

44 students from different faculties have used ApS methodology for their degree final projects. The methodology consists of student developing their academic competences while offer a service to the community, whether in social organisation, education centres or health centres, for example.



This year the UAB hosted the first meeting of the European **SO-CLOSE** project. Coordinated by Professor Javier Rodrigo Sánchez, of the Department of Modern and Contemporary History, the project aims to combat the exclusion of

refugees through the promotion of understanding and mutual knowledge between the refugees and the communities in which they have arrived. Thanks to co-creative design methodologies and innovative digital and artistic tools, the project allows the refugees to share their experiences with memories of survivors of European conflicts held in the centres for historical memory.



Environmental management

The actions of the **Healthy and Sustainable Campus Plan for 2018-2022** have allowed initiatives focused on health improvement and campus sustainability to take place. The plan forms part of the Sustainable Development Goals (SDGs) of the United Nations, in line with the institutional declaration of the Association of Catalan Public Universities (ACUP), signed by the UAB which places the Agenda 2030 at the centre of the task of the universities.

This year the initiatives have continued to take place with new action in the areas of mobility, energy management, waste reduction and the natural environment of the campus.

During this academic year the actions contained on the **Mobility Plan 2018-2024** have continued, aimed at increasing accessibility to the university campus applying criteria of sustainability, efficiency and safety. These action aim

“Climate emergency: the UAB takes action!” was the UAB motto for this academic year and aimed to place the climate crisis as a central point of interest for teaching and research activity and participation. Under the motto throughout the academic year there has been a series of actions carried out jointly by the entire university community.

to promote the use of collective public transport, the use of bicycles and access on foot with the construction of new paths, pavements and bike lanes, as well as rationalising the use of electric vehicles and providing charging points on the campus.

Once again the **Sustainable and Safe Mobility Week** was organised and took place from 28 October to 4 November and included the Day of the Bicycle. Unfortunately some of the awareness-raising activities such as the Health and Sustainability Week could not take place as a result of a lack of access to the campus due to the COVID-19 health measures.

With the aim of promoting energy saving, measures have continued to raise awareness among the community by the energy improvement group, such as the “I prefer sustainable” campaign and participation in the DIFON project (see chapter 09 “Resource management”).



More natural management of the campus green space

The UAB campus is an area with rich and diverse Mediterranean flora and fauna covering 260 hectares, of which

70% is made up of agricultural land, woodland and gardens. As well as more than 80 hectares of woodland with Aleppo pine, oak and holm oak, more than 50 species of butterfly, 47 nesting bird species and 12 orchid species have been identified on the campus.

In the context of climate emergency and ecological crisis the UAB will increase the natural management of the campus to promote the conservation of grassland and natural areas in ten zones of the campus.

Highlight



The UAB: leader in environmental management

The UAB is the number one university in Spain in environmental management and the 16th in the world according to the tenth UI GreenMetric World University Rankings, produced by the University of Indonesia. The classification compares the efforts of 780 universities around the world to ensure environmental sustainability and places value on the management policies for the environment.



First meeting of the European RECYCLES project

On 24 and 25 January the UAB Campus hosted the first meeting of the European RECYCLES project. Coordinated by David Gabriel Buguñá, of the Research Group for Biological Treatment and Valorisation of Liquid and Gaseous Effluents (GENOCOV) of the Department of Chemical, Biological and Environmental Engineering of the UAB, the project aims to design optimum treatments to recover products from liquid and gas waste.

University community



On 7 November the UAB held its annual Festa Major. Student stalls, associations fair, concerts, workshops, poetry recitals and many other activities were the centre of the festival, which was held this year under this year's UAB motto "Climate emergency: the UAB takes action!"

Student participation

The UAB encourages the participation of the university community and social and cultural activities on the campus to support the rich network of clubs and societies present in the university. Resources and equipment are available to the different groups at the university and there are also funding opportunities for organising activities.

There are over 78 clubs and societies with 2,500 members registered in the Directory of Student Societies. A coordinator is elected among their members. In 2020 62 applications for funding were made and 60 grants were awarded for a total of 12,500 euros.

Student representation bodies this year elected the Executive Committee of the UAB Student Councils (CEUAB) and different training sessions were offered to/by the members of the council and delegates of the academic group.

The group delegates continued to offer support and online activities in spite of the health emergency.

Observatory for Equality

This year the Observatory for Equality carried out different activities and awareness-raising and prevention campaigns on the subject of male violence and LGBTI phobia which were funded by the State Pact fund against gender-based violence. Activities include the course "Sexual and gender-based violence at the university" aimed at Bachelor's degree students; the round table "Men and sexual violence"; self-defence workshops and workshops on the management of male aggression in group and activist spaces; and training for the Purple Point at the Festa Major of the UAB.

This year also saw the organisation of different actions to increase visibility and knowledge of certain problems. For International Women and Girls in Science Day the Faculties of Science and Biosciences and the Observatory organised the event "Overcoming androcentrism in science"; the International Day for the Elimination of Violence Against Women was celebrated with an event including the reading of the manifesto drawn up by the Women and Science Committee of the Interuniversity Council of Catalonia; and social networking activities formed the focus of International Day Against LGBTI Phobia.

Finally, the "Diagnosis for the production of the fourth Plan of Action for equality between women and men at the UAB (IV PAG)" was published, evaluating the implementation of measures contained in the third plan, a review of the current regulations and a proposal for new measures that formed the basis for the production of the new plan, approved in July 2019.



15 years of the Observatory for Equality

On 5 March there was an institutional event to celebrate International Working Women's Day at the UAB, coinciding with the commemoration of the fifteenth anniversary of the Observatory for Equality. The Observatory began its activities in 2005, focusing on the inequalities between women and men. In 2008 it expanded its field of activity to all groups subjected to unfair conditions for reasons of disability and economic or social situation. As well as carrying out training, dissemination and research, over the years the observatory has produced equality and disability plans which have been approved by the UAB to establish measures and action for improving the situation of the groups affected.

During the day there was a homage to Laura Duarte, who has been responsible for the Observatory since it was set up, with a presentation of her award-winning academic and professional career by Maribel Ponferrada, a video projection and a prize awarded by the rector Margarita Arboix.



Human resources

The UAB has continued this year to apply policies to prioritise stability and promotion among academic and administration and services staff, in collaboration with social agents.

For teaching and research staff, almost all acting lecturers have been able to apply for a permanent teaching post and in 2020 the reserves of associate and acting's lecturers will disappear completely. Similarly "teaching" postdocs will have a commitment to stabilisation of their posts once they have obtained AQU accreditation. Practically all members of this category also had their posts stabilised in 2020.

There has also been a review of all Level A3 adjunct lecturers. In 2019-2020 only 4.49% were below level A3 and the forecast for the 2020-2021 academic year is that all adjunct lecturers will have A3 contracts.

A competition model has also been produced for permanent lecturers (associate and senior) which will allow people with excellent CVs who are already working at the UAB on temporary contracts to be retained as permanent teaching and research staff.

In terms of the post offered in 2019, a total of 92 permanent teaching positions were approved (25 government employees and 67 university-specific employees), to which 37 tenure-track positions should be added to the 2019 competition as part of the Serra Hünter programme.

In the area of administration and services staff actions have been planned to both enable an improvement in the appropriateness of the level of the

On 19 October, on the occasion of World Mental Health Day, the Anti-stigma Plan for Mental Health was presented. The plan was produced by the UAB in collaboration with the 'Obertament' organisation and is the result of work that began two years ago under the motto of the 2017 Festa Major "Mental health: visible and without stigma at the UAB". The plan was presented by Sara Moreno, the vice-rector for Students and Employability and accompanied by the experiences of a student, a member of the teaching and research staff and a member of the administration and services staff.

positions to the work carried out and also to improve the situation of temporary or acting positions. The professional career model for administration and services staff is aimed at recognising and increasing the involvement of the professional that form part of this group of employees at the UAB and is pending negotiation with the workers representatives so that it can be introduced. This proposal foresees a progression similar to the six-year premium model in place for teaching and research staff which is cumulative and may result in salary rises depending on the UAB budget.

As a consequence of the state of alarm announced on 15 March the UAB suspended on-campus activities. Despite the health emergency, teaching and research staff and administration and services staff were able to continue with their work through online teaching and working from home. On 21 July the Governing Council of the UAB approved the UAB Contingency Plan and Organisational Protocol, which came into force on 1 September 2020. In the face of the health situation, the document contains the instructions for organising work and campus presence for the people of the three groups that make up the university community.

Highlight



Prizes for the best Bachelor's degree final projects with a gender perspective

On 27 November the prizes were awarded for the best Bachelor's degree final projects with a gender perspective for the 2018-2019 academic year. During the ceremony 31 projects from different university degrees were awarded prizes from a total of 90 works presented. Among these four were particularly outstanding and dealt with: Feminism and LGBTB in Japan; Indicators of Suspicion in Gender Violence; The Invisibility of Women in Pre-Clinical Assays; and The Construction of Feminism as a Hegemonic Force.



Recognition of retired members of the UAB

On 18 September as part of the official opening of the 2019-2020 academic year at the UAB there was an act of recognition for the 45 members of academic and administrative and services staff who retired during the 2018-2019 academic year. The event included speeches by Enric Genescà, honorary lecturer in the Department of Business, representing the retired academic staff, and Francesca Lobo, academic manager of the Faculty of Veterinary Medicine representing the Administration and Services staff who had retired.



On 4 November the Municipal North Pavilion of Sabadell hosted the start of the 35th University Championships of Catalonia 2019-2020, which took place between November 2019 and March 2020. This year they were coordinated by the UAB and over a hundred teams from the twelve Catalan universities took part in Basketball, Football, Handball, Rugby and Volleyball competitions. The UAB teams enjoyed great success, winning the gold medals for Women's volleyball and Men's handball and silver for Women's handball and basketball.

Ombud's Office

The UAB Ombud's Office is responsible for ensuring the rights of the members of the university community with respect to the actions of the different university bodies and services. The Office acts independently and autonomously with respect to other university petitions.

In 2019 a total of 114 requests were processed from undergraduate students (63), postgraduate and doctoral students (18), lecturing staff (14), administration and services staff (7) and others (12). Petitions related to the areas of administrative management (34), academics (54), political institutional actions by the UAB (5) and other areas (21). The topic that received most complaints related to academic assessments (24).

Friends of the UAB

The Association of Friends of the UAB brings together members and former members of the university community and friends of the UAB. During the 2019-2020 academic year the association offered 32 activities included in the different talks and debates "The University Thinks" and "Claris Suppers", as well as cultural visits.

On 28 November the 19th annual party of the Friends of the UAB was held at the Sant Pau Modernista Complex. During the event, which was hosted by the journalist Elisabet Carnicé, the UAB Group Prize was awarded to the Institute for Environmental Science and Technology (ICTA-UAB) for its work to improve the

service of the institution. The Friends of the Friends Awards went to Albert Busquets, Executive Manager of the UAB from 1977 to 1986, Joan Carbonell, Dean of the Faculty of Arts and Humanities and lecturer in the Department of Antiquity and the Middle Ages, and Maria Dolors Garcia Ramon, honorary lecturer in the Department of Geography. The Awards for Friends of the Libraries went to Manuel Blecu, retired professor in the Department of Spanish Philology and former director of the Royal Spanish Academy, Miquel de Moragas, honorary professor in the Department of Media, Communication and Culture, and a posthumous award was made to the writer Martí Olaya.



The celebration included institutional speeches by Margarita Arboix, rector of the UAB, Gabriel Masfurroll, chair of the Board of trustees of the UAB, and Francesc Cayuela, chair of the Friends of the UAB.

UAB Alumni

The UAB Alumni Foundation works to encourage and activate the network of UAB graduates and to promote a community of interconnected professionals with an international presence through continuing education, professional training and the creation of meet-up spaces.

This year the foundation has continued to be present in the day to day activities on the campus with activities in the Festa Major, new student welcomes and graduation ceremonies, welcoming new graduates to the network and creating added-value initiatives for the university community.

It has also presented a portfolio of services aimed at providing professional guidance with personalised advice for improving employment, international mobility and entrepreneurship, and an offer of fee reductions for UAB-specific Master's and postgraduate courses. This year a new initiative has been launched to facilitate access to the labour market and promote professional and personal development for the UAB Alumni network.

The UAB Alumni Prize awarded during the Night of the Board of Trustees went to Sara Berbel, graduate in Psychology from the UAB and lecturer and researcher in social movements and strategies for social change. The CIEU Award for the most entrepreneurial idea of 2019 in the alumni category was given to Law graduate Eduard Blasi for the Nepcom project, and the special prize for social impact and sustainability went to graduate in Medicine Jordi Bañeras, for the ACor initiative.



On 12 December the 25th Winter Meeting of the Ganàpies human towers group of the UAB took place. Under the motto “Step by step, together we build our history”, the Ganàpies celebrated their 25th anniversary with a day full of activities, culminating in the human towers of the university groups the Pataquers of the Rovira and Virgili University, the Marracos of the University of Lleida, the Penjats of the UPC-Manresa and Lunatics of the UPC-Vilanova.

Cultural activity

During the 2019-2020 academic year there was a programme of 122 cultural activities in which 8,000 people took part. Some of the highlights were the three exhibitions in the regular programme of the Exhibition Gallery which were visited by more than 1,500 people; 35 projections and six thematic series in the UAB Cinema with around 3,500 viewers, and 12 theatre and musical performances. Of the latter six were UAB productions by the Dance, Music and Theatre Studios (such as the Christmas Concert and the online shows during the lockdown period) and six were professional productions by companies such as *Miseria y Hambre Producciones*, *Inhabitants* and *Les Fugitives*, which were performed in the UAB Theatre to audiences of around 1,000.

There were also 17 activities which counted for academic credit including participation in established groups such as the Choir, the Chamber Choir, the Orchestra and the Theatre Group, as well as other artistic workshops. Novelties this year included “Urban dances” and the workshop on “Transfeminisms, gender and live art” which saw the participation of 325 people. Eight music concerts were also organised both at the UAB and outside by the Chamber Choir.



Support was given for the organisation of 44 teaching and institutional activities and also support to the university community. These were cultural activities, talks, conferences, award ceremonies and other actions from the different services, organisation, groups, faculties, department and members of the university. Highlights among these activities included the music programme of the UAB Festa Major as a result of the Autònoma Actua Award, with 26 proposals by members of the UAB which resulted in 9 concerts on the stages of the Festa Major and the first special category “Female FM”, which notably increased the number of women artists. There was also a talk given by Maialen Lujanbio, a champion of the Basque tradition of ‘bertsolarism’, organised jointly with the minor in Basque Studies at the UAB.

Highlight



Sixth year of the UNIRUN

On 1 March more than 5,000 runners took part in the sixth UNIRUN University Race. The route went through the streets of Barcelona and Sant Adrià de Besòs. The race is promoted by the twelve Catalan universities through the ECU (Catalan University Sports) and with the support of the General Secretary for Sport, Barcelona City Council and Sant Adrià de Besòs city council.



2020 Literary prizes

On 7 May the UAB and the City Council of Cerdanyola del Vallès announced the winners of the 2020 literary prizes: for *Mentir a les mosques* (Lying to flies), Adrià Paco won the 26th Valldaura – Pere Calders Memorial Novel Prize; Albert Gavaldà, with the work *Si l’oblit no em falla* (If oblivion doesn’t fail me), won the 25th Miquel Martí i Pol Poetry Prize, and Anna Mateus was the winner of the 11th Caterina Albert Short Story Prize for her work *Etna seu* (Her Etna). The number of submissions this year was extremely high: 132 works were presented of which 129 were accepted in the competition.

Resource management

329.6

million euro budget (after expenditure settlement 2019)

Implementation of the budget

The 2019 Budget for the UAB was conditioned by the deferral of the 2018 budget of the Government of Catalonia. Once again public funding was held back but expenditure, especially staff expenses, continued to increase.

During 2019 it was not possible to take forward an agreement between the Catalan public universities and the Secretariat for Universities and Research of the Government of Catalonia to establish a system of financing and resource distribution for public universities, although on 8 October the rectors of the Catalan Association of Public Universities (ACUP) meet to call for urgent funding to enable the universities to carry out their work in a dignified manner. Public prices for university fees during 2018-2019 continued to be frozen for the fifth consecutive year, both for first year and subsequent registrations.

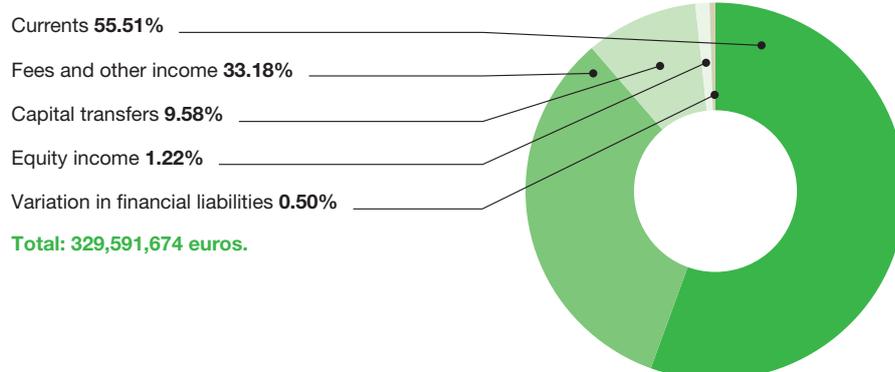
On 30 May 2019 there was an extraordinary meeting of the senate and a report aiming to communicate the economic situation of the UAB to the community. In other words, not only to raise awareness of the situation among but also to inform the community of the current economic situation and its causes.

During the 2019 financial year a balanced budget was achieved thanks to extraordinary income resulting from two agreements (the first with the Government of Catalonia for the spaces given over to

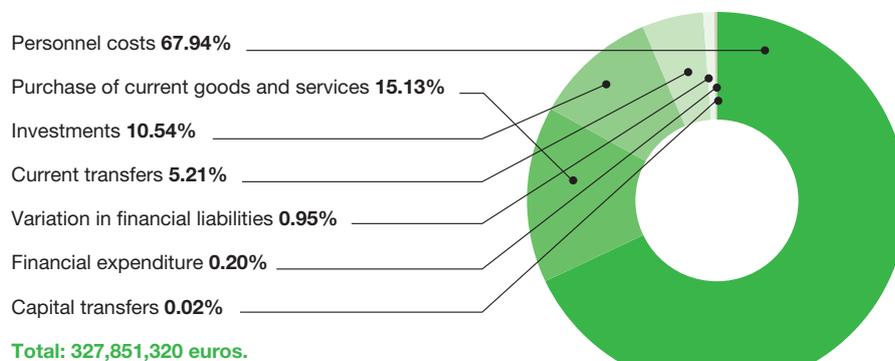
Applus and the second with the Vila Universitari student village for the management concession of the Cases Sert) and the application of an instruction for the remainder aimed at balancing the budget.

From the second quarter of 2019 the UAB treasury was more stable as a result of a temporary extension of credit to the sum of 10 million euros. The financial year concluded with an available line of credit of 2.5 million euros.

Income statement for 2019. Rights recognised



Expenditure statement 2019. Obligations assumed



Note: the difference between rights recognised (€329,591,674), part of which corresponds to finalist and/or plurennial income, and the obligations assumed (€327,851,320) does not determine the budget deficit or surplus for the financial year since part of this income may have originated in previous financial years and may be spent in years posterior to the accounts settled.



The UAB campus has solar panels installed in the Plaça Cívica to produce electricity, solar thermal installations and a biomass boiler to produce hot water for the Physical Activity Service, as well as a geothermic heat pump in the ICTA-ICP building.

Energy efficiency updates

The UAB is strongly committed to the responsible use of energy resources and the improvement of energy efficiency in its installations. The UAB consumes 100% renewable energy thanks to the joint purchase agreement by the Consortium of University Services of Catalonia (CSUC).

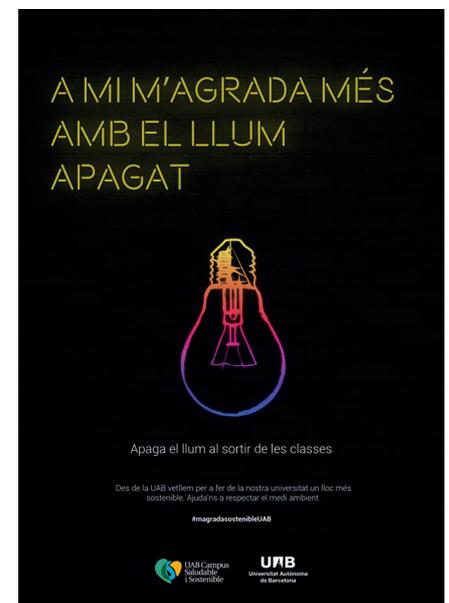
Among the energy-saving actions this year were the installation of fluorescent lighting with LED technology in spaces of intensive use and exterior campus spaces at the UAB, the installation of protective solar film in the spaces receiving the greatest levels of sunlight and the optimisation of heating installations through the use of temperature control valves.

This year the UAB also carried out a pilot trial in the classrooms of the Faculty of Medicine to improve environmental comfort through the installation of slow-revolving blade fans. This pilot test was successful and in 2020 equipment will be installed in the different spaces of the UAB that are not air-conditioned.

As a result of the energy saving and efficiency policy the UAB reduced its consumption of energy by 4.3% in 2019, now consuming 25% less than in 2010. For electricity this reduction has been 2.2% (around 700,000 kWh), while the savings for gas have been 8.3 % (around 170,000 m³ or 1,800,000 kWh). The emissions associated with this consumption of gas and electricity have also been reduced by 8.8% with a reduction in cost of 5.5% compared with 2018.

In terms of awareness-raising campaigns, since 2012 the Environment Office of the UAB has published the bulletin Energy Notes to inform the community of the actions that have been carried out in the areas of energy saving and efficiency at the university. As part of the DIFON project, in order to improve the dissemination of the information about electricity consumption the UAB has also introduced energy screens that allow real time viewing of electricity consumption in the Communications Library and General new Archive, and the faculties of Science, Biosciences and Communication.

Finally, under the theme “I prefer sustainable” the UAB has continued this year with its environmental information and awareness-raising campaign promoted by the energy improvement groups of the UAB, the Office for Architecture and Logistics and the Environment Office. The campaign design was selected in a competition among students of the subject Creativity in Advertising and Public Relations of the Bachelor’s degree in Advertising and Public Relations of the UAB.





Campus UAB

- 1 Campus de Bellaterra
- 2 Campus de Sabadell
- 3 Campus de Barcelona
(UAB Casa Convalescència)

University Hospitals

(Faculty of Medicine teaching units)

- 4 Hospital de la Santa Creu i Sant Pau (Barcelona)
- 5 Hospital Universitari de la Vall d'Hebron
(Barcelona)
- 6 Hospital del Mar (Barcelona)
- 7 Hospital Universitari Germans Trias i Pujol
(Badalona)
- 8 Corporació Sanitària Parc Taulí (Sabadell)

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