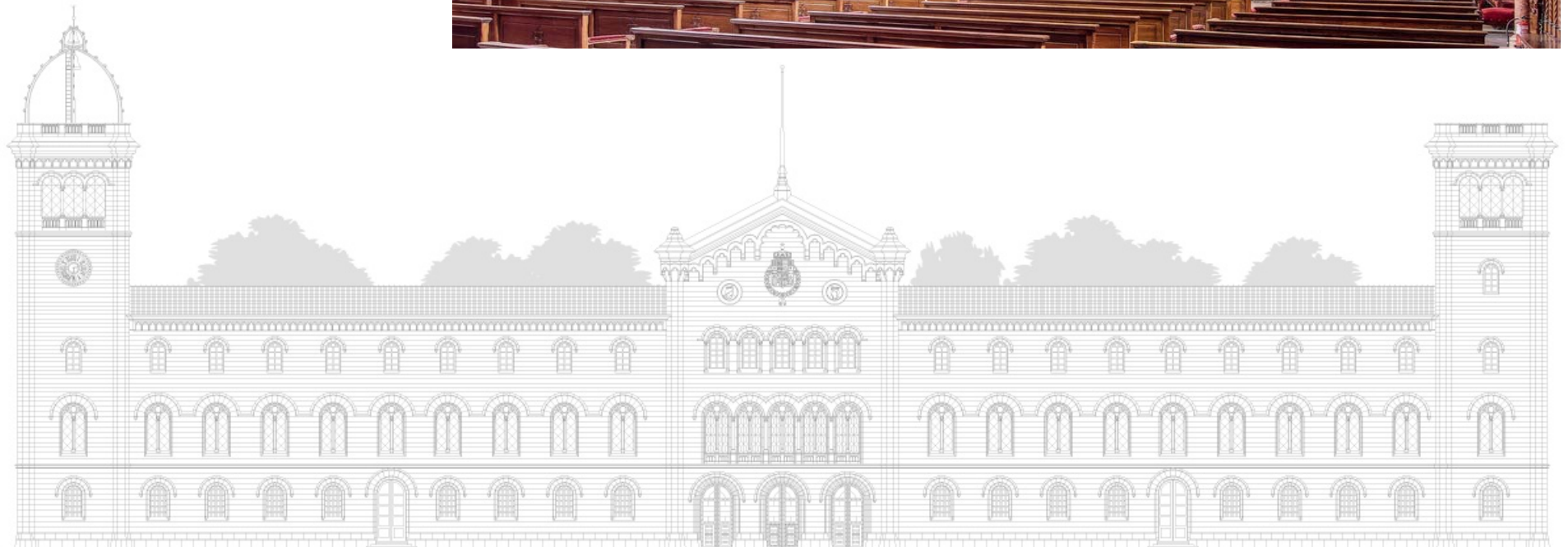


The University of Barcelona

The Welcome Course at the UB - January 31, 2018 – Aula Magna – Historic Building



The University of Barcelona

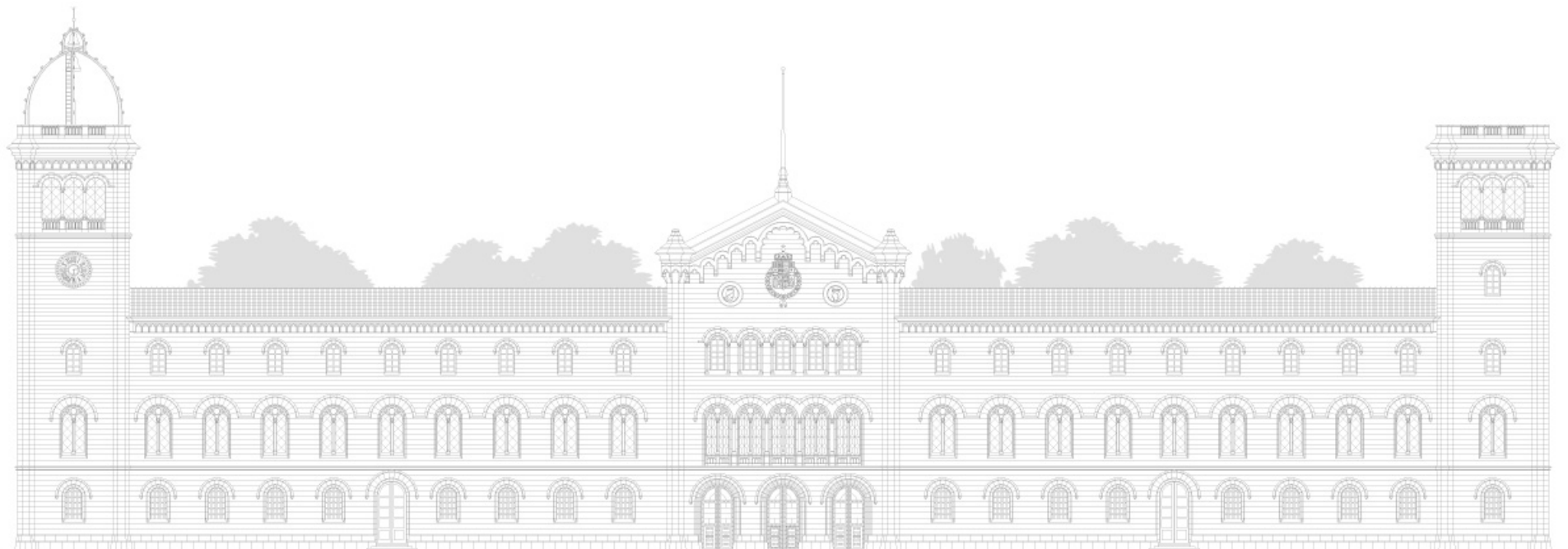
The Welcome Course at the UB - January 31, 2018 – Aula Magna – Historic Building

Introduction to the University of Barcelona

Xavier Barril

Delegate of the Rector for Research Staff Policy

Vice-Rectorate for Research and Vice-Rectorate for Teaching and Research Staff



The UB: more than five centuries of history



- **Founded in 1450**
- **With a large cultural, historical and architectural heritage**
- **Balances tradition and modernity**
- **It is the University from which the Catalan higher education system has grown**
- **Comprehensive university: almost any discipline except core engineering fields, architecture and veterinary**

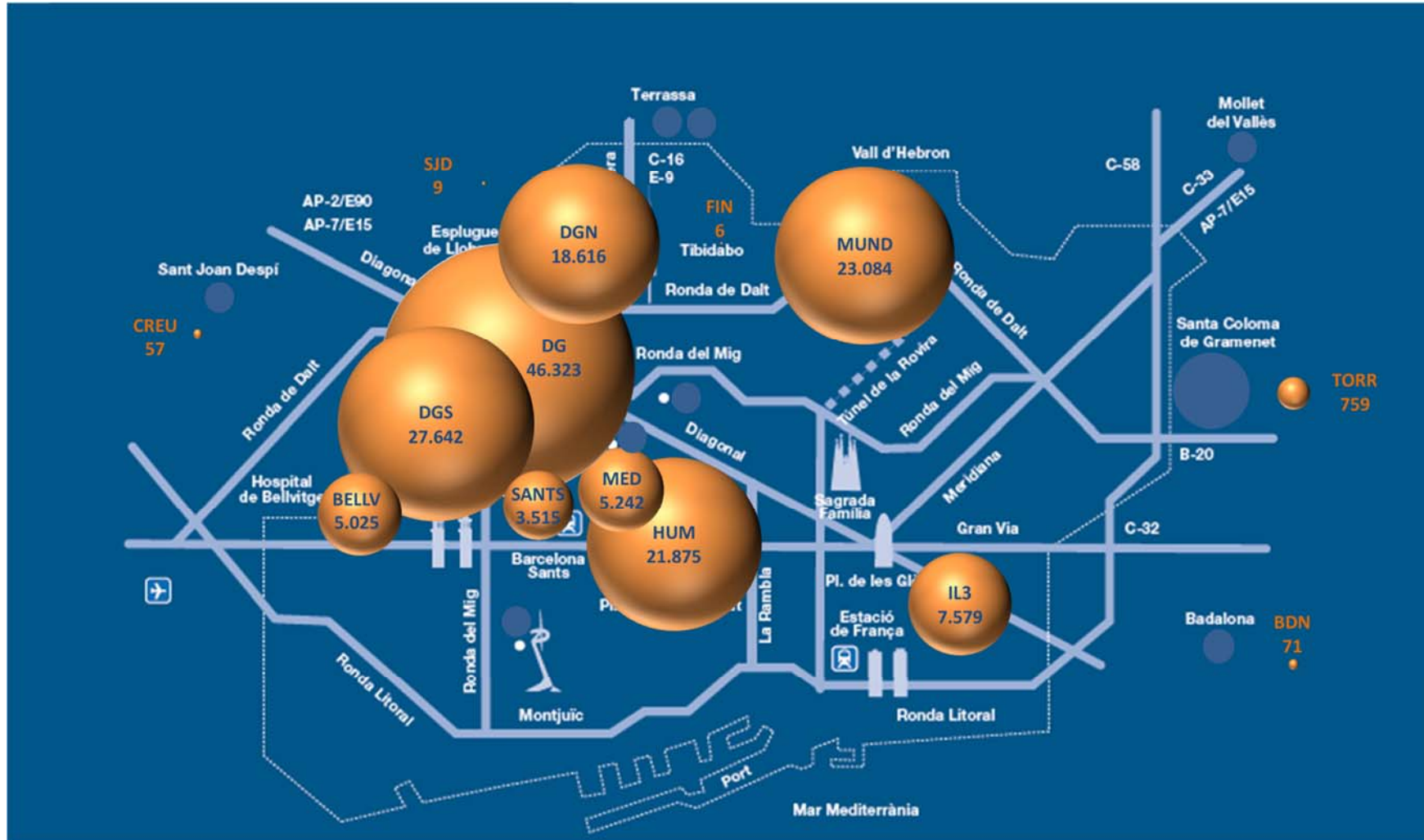
The UB as Institution



- Focuses on people
- Public and strongly research-oriented
- Stands out for its course offerings and teaching quality
- With social prestige and internationally recognized
- Plays a significant role in the economic and social development
- Promotes the values of solidarity, equality and cooperation

The Campuses of the UB *

A university that is fully integrated in the City and in the metropolitan area



(*) Figures as of Dec. 2016

The UB in Figures



Education

60,000 students
11,000 international students
73 bachelor's degrees
48 doctoral programs
4,890 doctoral students (**1,464** internat.)
1,130 doctoral theses read
150 masters
750 postgraduate courses
22 masters taught in English
500 online/on-site learning courses

Staff

5,715 teaching and research
(**250** international)
2,255 administrative and technical

Structures

16 faculties
6 city campuses
17 libraries
17 UB research institutes
11 observatories

Academic Offer: courses in almost all areas of knowledge



- **Medicine, biomedicine and health-related fields**
- **Economics, business and law**
- **Environmental Sciences**
- **Nanotechnology**
- **Food, nutrition and gastronomy**
- **Humanities and languages**
- **Education and psychology**
- **Audiovisual design and cinematography**
- **Sports and sports science**
- **Fine arts**

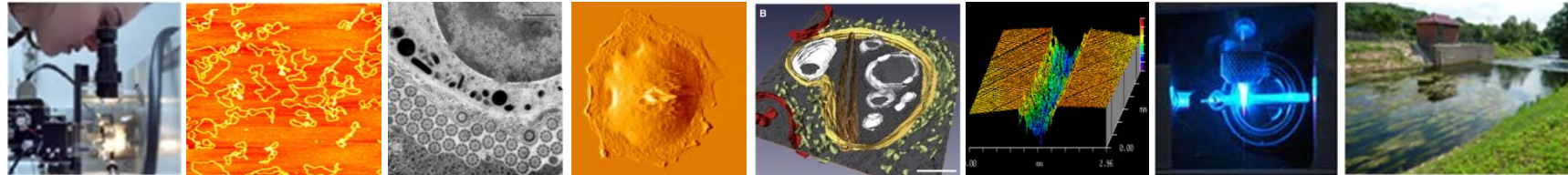
International university rankings



The UB steadily strengthens its position in the international university rankings.

- **201 of 250** World University Rankings
- **156** QS World University Ranking
- **201 of 300** Academic Ranking of World Universities
- **86** Best Global Universities
- **64** National Taiwan University Ranking
- **103** Center for World University Ranking
- **59** UI GreenMetric World University Ranking
- The UB is **one of the 25** universities worldwide with over 400 years of history (Times Higher Education World University Rankings)

International university rankings: by Subject Area and Fields



Academic Ranking of World Universities:

51 of 75 in Clinical Medicine and Pharmacy

101-150 in Natural Sciences and Mathematics

151-200 in Life and Agriculture Sciences

QS World University Rankings:

62 in Natural Sciences

87 in Life Sciences and Medicine

129 in Social Sciences

From the **36** subject areas, in **27** the UB stands out among the top 200 universities in the world

UB Research in figures



The UB leads the scientific production in the Catalan university system and is also the top university in Spain and Latin America in the international rankings



UB Research Assets:



- **323 consolidated research groups** recognised by the Catalan Government
- **997** active research projects
- **5,381** scientific articles (ISI data)
- **High proportion of doctoral students** vs University degree students (>10%)



UB Research – Funding



More than €100.3 Million of research funds obtained in competitive and non-competitive calls, during 2016 *.



97 projects granted in the **EU Horizon 2020** programme with a total funding worth more than **€38 Million****.



European Research Council
Established by the European Commission

27 projects funded by the European Research Council since its creation in 2007.

(*) http://www.ub.edu/web/ub/galleries/documents/universitat/ubexifres2017_ca.pdf

(**) As of January 2018



UB Research – International Recognition



Research-intensive

The UB is the only university in Spain that belongs to the prestigious League of European Research Universities.



HR Excellence in Research

The UB obtained in 2015 the HR Excellence in Research, an accreditation conferred by the Directorate-General for Research and Innovation of the European Commission.



The award recognizes the institutional effort to improve policies and practices in terms of:

- recruitment,
- hiring and
- general working conditions for its researchers.

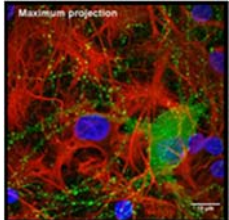


The Scientific and Technological Centers (CCiT-UB)

36 Technical
Units

12,000 m² of lab space
Located at 4 UB Campuses

Staff: 170 people (technicians and
management staff)



- To **support research and innovation** in the areas of chemistry, materials sciences and biosciences.
- **State-of-the-art equipments** and **expert Staff**.
- To develop active **methodological research**.
- To enforce the **university-industry** relationships.
- To **promote innovation** and technological transfer by participating in agreements and R+D+i projects with industry.
- To offer training courses and workshops regularly.
- The CCiT are involved as partners in different European and International Infrastructure Networks.



Bosch i Gimpera

UNIVERSITAT DE BARCELONA

The University's centre for the transfer of knowledge, technology and innovation.

Annual income > €42 Million in contracts.

1,947 active projects

733 companies and institution in collaboration



In 2016

726 contracts

12 priority-patent applications

17 international patent extensions

38 patents at a national phase abroad

95 active transfer projects

53 announcement of inventions

22 ideas on company creation

41 projects assessed

4 technology-based companies

1 new companies (via CIC-UB)



Parc Científic de Barcelona

UNIVERSITAT DE BARCELONA

- Over **2,500 R&D professionals** on-site
- About **100 companies and other organisations**
- **5 R&D Centres:**
 - 4 research institutes (IBEC, IRB, IBMB-CSIC, ICC-UB)
 - National Centre for Genomic Analysis (CNAG)
- Scientific and Technological **Services**

Promoting scientific culture: More than **4,500** participants in over **120** activities



Organisation of the Research



Research Groups

Research teams bring together several researchers who collaborate in the development of common lines of research and with shared funding.



Departments

Organs in charge of coordinating teaching and supporting teachers' teaching activities and initiatives.



Institutes, Research Centers and Observatories

promote and organize interdisciplinary and specialized research activities in different fields of science, technology and the arts.



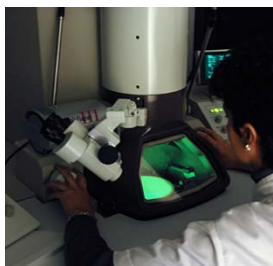
Vice-Rectorates

The research competences are assigned to 3 Vice-Rectorates: VR of Research, VR for Doctoral Studies and Research Promotion and VR for Outreach and Internationalization.



Research Committee

The Research Committee is the body that tracks the research and knowledge transfer activities of the University of Barcelona.



Ethics and Research

Institutional and professional commitment in taking care about the ethical implications underlying research in different branches of knowledge.



It is in charge of ensuring the proper coordination among the different entities / units that carry out their activity in the field of research.

17 Research Institutes UB



Institut de Ciències del Cosmos
UNIVERSITAT DE BARCELONA



Institut de Recerca de la Biodiversitat
UNIVERSITAT DE BARCELONA



Institut de Matemàtica
UNIVERSITAT DE BARCELONA



Institut de Recerca en Nutrició i Seguretat Alimentària
UNIVERSITAT DE BARCELONA

**** Units of Excellence**



Institut de Neurociències
UNIVERSITAT DE BARCELONA



Institut de Recerca Geomodels
UNIVERSITAT DE BARCELONA



Institut de Recerca de l'Aigua (IdRA)
UNIVERSITAT DE BARCELONA



Institut del Pròxim Orient Antic
UNIVERSITAT DE BARCELONA



Institut de Nanociència i Nanotecnologia
UNIVERSITAT DE BARCELONA



Institut de Recerca en Cultures Medievales
UNIVERSITAT DE BARCELONA



Institut de Química Teòrica i Computacional
UNIVERSITAT DE BARCELONA



IBUB
Institut de Biomedicina de la Universitat de Barcelona



TRANSJUS

INSTITUT DE RECERCA. FACULTAT DE DRET



BEAT | Barcelona Economic Analysis Team

UNIVERSITAT DE BARCELONA

Institut de Recerca en Educació

A brief Map of UB Units to help in your Research

UB Research Linked Structures & Units

Research Agents	323 Research Groups	17 UB Research Institutes	4 Research Centres	12 Institutes in which the UB takes part	4 Interuniversity institutes and Other research centres	
Management Research Units / Structures	OGR Office Of Research Management (National Calls)	OPIR UB Office for International Research Projects	OMPI Office for International Mobility and Programs	Beques i Ajuts Office of fellowships and grants	FBG Bosch i Gimpera Foundation (UB TTO)	UB Patents Centre
Research Support Facilities	CCITUB Scientific and Technological Services		Research Services managed by the Faculties		PCB Barcelona Science Park	
Other Support Structures and Committees	CRAI Learning and Research Resource Centre	OSSMA Office for Health, Safety and Environmental Issues	ICE The University of Barcelona's Institute of Education Sciences (ICE)	CBUC UB Bioethics Committee	CEEA Animal Experimentation Ethics Committee (and Clinical Research Committees of Clinic Hospital and Bellvitge Hospital)	Biosafety Committee
Tools	Portal de Finançament de la Recerca (Info about Calls)		GREC-UB Current Research System Information			GPR Research project manager program

The UB Portal for Research Funding

- It offers information about the main funding programs.
- Each file has a profile with 4 main sections per Call:
 - What is financed,
 - To whom is addressed
 - Information of interest
 - UB Office/Unit in charge of managing the Call
- Within these sections, there's information on:
 - the type of projects and on the concepts which are eligible
 - the requirements to be met by potential beneficiaries,
 - the evaluation criteria, priority areas as target for being funded
 - Foreseen calls and
 - Which are the UB offices in charge of giving support to UB researchers to prepare the application.
- All these aspects are reflected briefly, so that the researcher can see at a glance if the program in question presents opportunities for research.

Selecciona les opcions de cerca

Per àrea del coneixement ▼

Per tipus d'acció ▼

Per àmbit del programa ▼

Cerca per paraula

Només convocatòries obertes

Cerca

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Data límit de presentació UB:
Mobility project for higher
education staff - KA1 Erasmus+

Novetats



Ayudas a proyectos de investigación - Fundación Alicia Koplowitz

Se convocan ocho ayudas a la investigación para proyectos del área de Psiquiatría, Psicología o Neurociencias del Niño y el Adolescente y en Neuropediatría.

19 gener | Nova convocatòria



Ayudas a la Investigación en Materiales y Biomedicina y Salud - Fundación Domingo Martínez

Se otorgan ayudas a la investigación para la realización de proyectos relacionados con la investigación y desarrollo de nuevos materiales, la salud y el medio ambiente.

18 gener | Nova convocatòria



Ayudas para contratos Ramón y Cajal (RyC) - MINECO

S'ha publicat l'oferta de places UB, la podeu consultar a l'apartat de Gestió de l'ajut de la fitxa.

17 gener | Notícia



Research Grants - Human Frontier Science Program

Supports innovative basic research with emphasis placed on novel and interdisciplinary approaches that involve scientific exchanges across national and disciplinary boundaries.

16 gener | Nova convocatòria



Contratos predoctorales para la formación de doctores - MINECO

Se ha publicado la resolución de solicitudes excluidas. La podéis consultar en el apartado "Más información" de la ficha.

16 gener | Notícia



Beques d'investigació sobre Bioètica - Fundació Víctor Grífols i Lucas

Es convoquen sis beques de 5.000€ per dur a terme projectes d'investigació amb la finalitat d'incentivar l'estudi en el camp de la Bioètica.

16 gener | Nova convocatòria

Àrea de coneixement

Arts i humanitats

Ciències

Ciències de la salut

C. socials i jurídiques

Enginyeries

Totes les àrees de coneixement



Selecciona les opcions de cerca

Per àrea del coneixement ▼

Per tipus d'acció ▼

Per àmbit del programa ▼

Cerca per paraula

Només convocatòries obertes

Cerca

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Data límit de presentació UB:
Mobility project for higher
education staff - KA1 Erasmus+

Research Grants - Human Frontier Science Program

Imprimir la fitxa

Tipus d'acció: Projecte de recerca

Àmbit de programa: Internacional

? Què financen

Supports innovative basic research into fundamental biological problems with emphasis placed on novel and interdisciplinary approaches that involve scientific exchanges across national and disciplinary boundaries. Successful projects often involve an element of risk but it is expected that according to the team's calculations there is a reasonable chance that it will work.

Scientific scope

Research grants are available for projects concerned with basic approaches to understanding the complex mechanisms of living organisms. Topics covered range from molecular and cellular approaches to biological functions to systems neuroscience including cognitive functions. The innovative aspect of the project is a major criterion in the review of HFSP research grants. A brief explanation of the contributions of the different expertises should be provided in the summary which will be used in piloting the review process.

It is mandatory to read the [Specific requirements described in the call](#).

Awards

- [Young Investigators' Grants](#): are meant to establish an independent research group at an early stage of a career, a special consideration will take into account the overall level of interdisciplinarity.
- [Program Grants](#): are meant to allow teams of independent researchers to develop new lines of research through the collaboration.

Duration and funding

3 years

- 250.000\$ for a team of 2 per year.
- 350.000\$ for a team of 3 per year.
- 450.000\$ for a team of 4 or more per year.
- Two or more members from the same country will be considered as a single team member for purposes of calculating the award, unless they constitute an interdisciplinary collaboration in which case they will be awarded an amount equivalent to 1.5 team members.
- In the case of a two-member team with one member in a for-profit institution, the total award will be reduced to 125.000\$. In other cases the for-profit member will not be included when calculating the amount of the award.

Eligible costs

Note that a budget proposal is not required at any stage of the application process. The following information is provided to allow applicants to see the scope of funding permitted in case an award is made.

A qui s'adrecen

Novel interdisciplinary research teams involving scientific exchanges across national boundaries.

Eligibility

- All team members are expected to direct a research group (however small), and they must have a doctoral degree (PhD, MD or equivalent). The HFSP award is not intended to create scientific independence, this is a decision of the research institute prior to the application.
- The Principal Applicant and at least at least one Co-Applicant must be located in a member country*.
- The Principal Applicant must be from a non-profit academic institution.
- The number of team members should normally be 2- 4, unless an increase in the number of members is clearly critical for the interdisciplinary nature of the project.
- At least one member of the international research team must have his/her laboratory in a country other than that of the Principal Applicant.

[Young Investigators' Grants](#)
Requirements for all members of the team

- Be within 5 years of obtaining an independent position.
- Have obtained their first doctoral degree (PhD, MD or equivalent) not longer than 10 years before the deadline for submission of the [LOI](#). Exceptions may be made for periods of compulsory military service.



Selecciona les opcions de cerca

Per àrea del coneixement ▾

Per tipus d'acció ▾

Per àmbit del programa ▾

Cerca per paraula

Només convocatòries obertes

Cerca

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Data límit de presentació UB:
Mobility project for higher
education staff - KA1 Erasmus+

Agenda de convocatòries

PROPERES DATES LÍMIT

PUBLICADES RECENTMENT

Call 2018 | [Mobility project for higher education staff - KA1 Erasmus+](#)

Termini de presentació UB: dijous, 25 de gener de 2018

BHC Two-stages 2018 | [Health, demographic change and wellbeing - H2020](#)

Termini de presentació UB: dimarts, 30 de gener de 2018

Convocatoria 2017 | [Ayudas para la realización de proyectos en materia de adaptación al cambio climático - Fundación Biodiversidad](#)

Termini de presentació UB: dimarts, 30 de gener de 2018

Modalidad A - Convocatoria 2018 | [Estancias de movilidad de profesores e investigadores en centros extranjeros - MECD](#)

Termini de presentació UB: dimarts, 30 de gener de 2018

Modalidad B - Convocatoria 2018 | [Estancias de movilidad de profesores e investigadores en centros extranjeros - MECD](#)

Termini de presentació UB: dimarts, 30 de gener de 2018

Call 2018 | [Capacity Building in higher education - KA2 Erasmus+](#)

Termini de presentació UB: dijous, 1 de febrer de 2018

Àrea de coneixement

Arts i humanitats

Ciències

Ciències de la salut

C. socials i jurídiques

Enginyeries

Totes les àrees de coneixement

GREC-UB



The UB Current Research System Information (CRIS)

- Developed and constantly maintained by the University of Barcelona.
- It consists in different applications targeted to authenticated users (researchers, research groups, managers) and available via open access web portals.
- It is currently used in 8 institutions and research organizations.



- Contact at the UB:

*Informàtica de Recerca / Computer Systems for Research and
Oficina de Gestió de la Recerca / Research Management Office*

http://www.ub.edu/web/ub/en/universitat/organitzacio/unitats_administratives/c/unitatsC/informaticarecerca.html?

<http://www.ub.edu/ogrc/>

GREC-UB: our Current Research System Information (CRIS)

- GREC is a management application aim to treat, monitor, evaluate and disseminate research data.
- It includes:
 - Different applications to organize information through different databases
 - Support webpages in context
 - And exploitation programs to make inquiries and obtain listings and evaluation reports.
- Three main Sections:

Curricul@

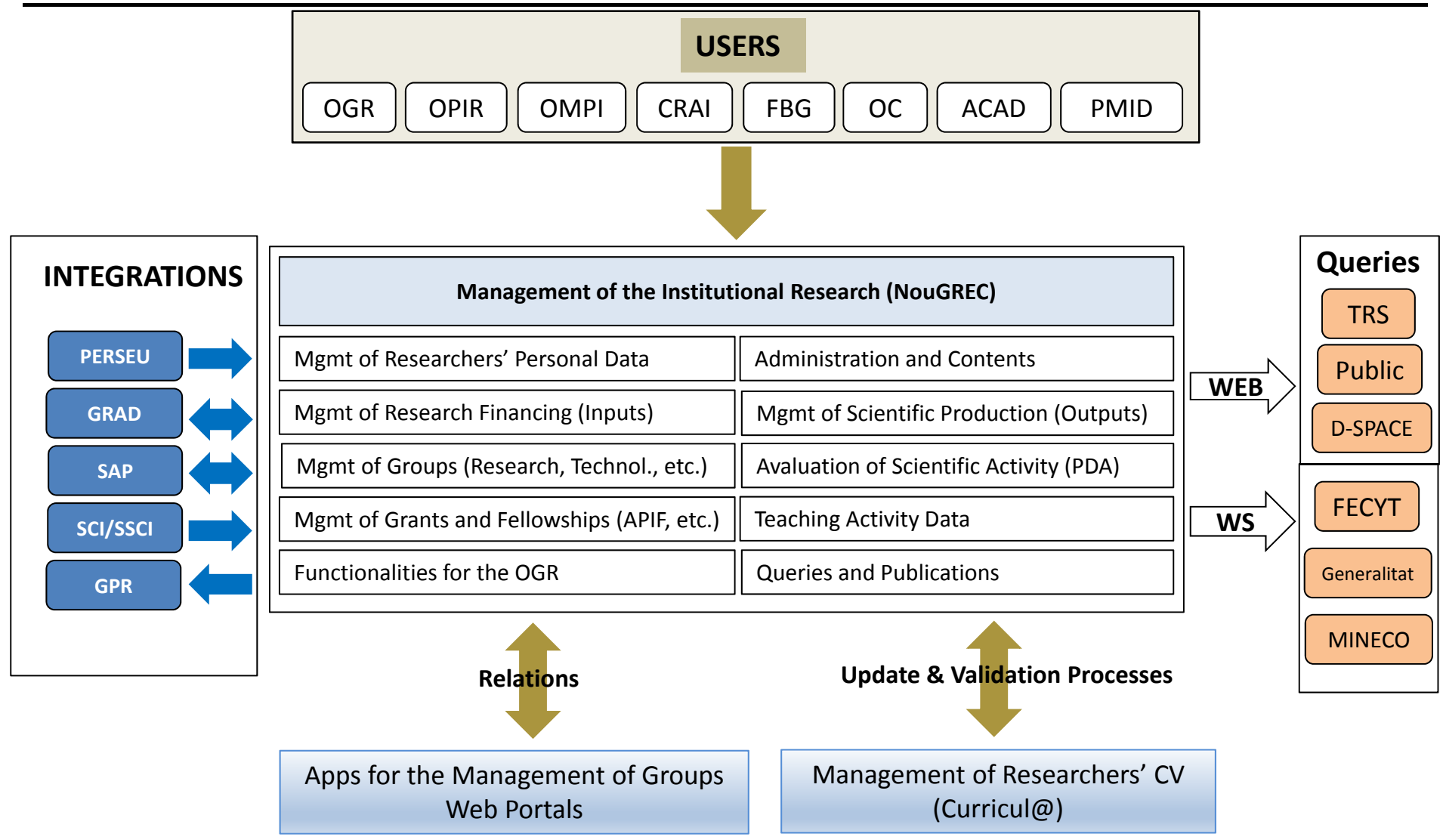
Research Groups

Research Query data



- **GREC was designed to integrate:**
 - the management information system of the institution (as administrator, producer and / or research management) with the information related to the Grants and the Funding obtained by our researchers to conduct their projects
 - the results and outputs derived from this research activity.
- **Different Units and Offices at the UB generate, manage and use intensively this software: OGR, OPIR, OMPI, FBG, CRAI, and the vice-rectorates.**
- **Data exploitation from GREC is invaluable for:**
 - decision-making processes, in general
 - evaluation of researchers, research groups and units
 - formulate and planning of institutional science policy

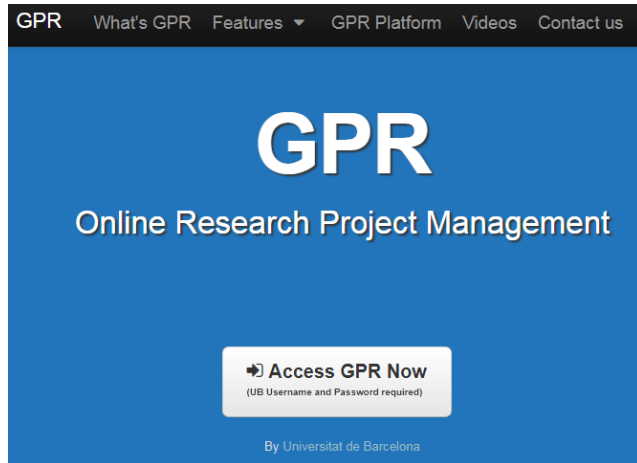
Basic architecture of GREC



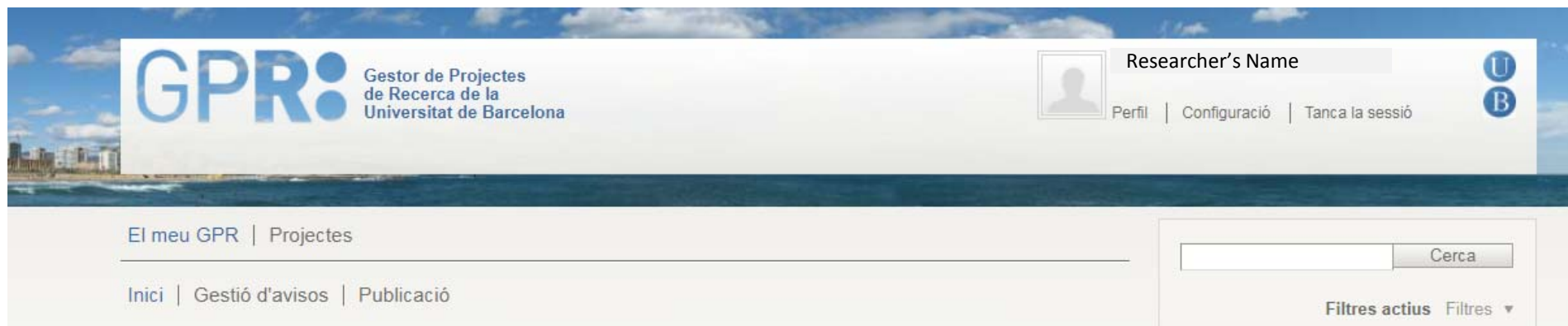
Management of Research Projects at the UB

<http://www.ub.edu/gprdoc/webgpr/>

What is GPR?



- GPR is the Research Project Manager developed by the Universitat de Barcelona.
- It is an online Project Management solution that was originally developed to help the researchers and managers from this University to organize all of their project related work and provides them with a project-centered space to share and collaborate and a set of related productivity tools.
- GPR is quite modular and extensible: is it more like a platform on top of which you can deploy modules that implement all the different functionalities.



Management of Research Projects at the UB



✓ Online Project Management

Cloud-based.
Manage your projects anywhere at any time.
Save time & reduce bureaucracy.

✓ Customizable Home Screen

Allows the users to customize their Home Screen. Never lose the perspective.

✓ Timesheets

Enter the hours and it will automatically generate the reports.

✓ Forms

Enrich your project information. Create custom Forms and related Templates.

✓ Multi Language

All of the User Interface can be easily translated to as many languages as you want.

✓ Research Projects

Specially optimized for Research Projects including European Projects.

✓ Notifications

Get notified whenever something relevant happens.

✓ Document Repository

A place to share and store the project documents.

✓ Project Wall

Communicate with other team members. Post messages on the project's Wall.

✓ Standard Technologies

Java, Spring, Hibernate, Oracle, OpenOffice.

✓ Access Control

Each user can have different access privileges which can even be customized for each project.

✓ Accountancy

Easily access the accountability of your projects.

✓ Document Generation

The Template Engine automatically generates PDFs and other document types.

✓ Web Pages

Easily create a simple Web Page for your project.

✓ Extensibility

GPR can be easily adapted and connected to your organization.

GRAD - Management of Teaching Activity at the UB



<http://www.ub.edu/portalGrad/>

- The University of Barcelona has developed the **Portal GRAD** for
 - the planning and
 - managementof the teaching activity of the subjects of our University.
- From this application, GRAD / PDA for Teaching & Research staff, professors can check:
 - Hours of visit
 - Commissions and teaching dedication
 - PDA: *Pla de Dedicació Acadèmica* / Academic dedication plan



Contact at the UB for GRAD queries: suportgrad@ub.edu; Tel. 9340 35408

Whom Should I Contact if....? (I)

Issue / Query	UB Unit / Office in charge	Phone
Medical Emergency-Accident	OSSMA. Oficina de Seguretat, Salut i Medi Ambient / Office for Health, Safety and Environmental Issues http://www.ub.edu/web/ub/en/universitat/organitzacio/unitats_administratives/h/unitatsH/oficinaseguretat.html?	Ext.: 934 034 502 Int.: 34502
Job-Related Questions	PERSONAL ACADÈMIC / Academic Staff Unit http://www.ub.edu/web/ub/en/universitat/organitzacio/unitats_administratives/a/unitatsA/personalacademic.html?	Ext.: 934 021 722 Int.: 21722
	PERSONAL D'ADMINISTRACIÓ I SERVEIS / Administrative and Service Staff (AdSS) Unit http://www.ub.edu/web/ub/en/universitat/organitzacio/unitats_administratives/a/unitatsA/personaladmiserveis.html?	Ext.: 934 021 744 Int.: 21744
Organizational and logistical queries (*)	ADMINISTRACIÓ DE CENTRE corresponent a la Facultat o Escola Universitària <i>Administration of the Centre at the corresponding Faculty or university school</i> http://www.ub.edu/dyn/cms/continguts_en/universitat/organitzacio/unitats_administratives/cercador_unitats_administratives.html?	
Identification or access problems	OAG - Oficina d'Afers Generals de l'Administració de cada Centre / Facultat <i>General Affairs Office of the Administration of each Centre / Faculty</i> http://www.ub.edu/dyn/cms/continguts_en/universitat/organitzacio/unitats_administratives/cercador_unitats_administratives.html?	
Computer- or ICT-related queries	Informàtica i Comunicacions UB <i>IT and Communications</i> http://www.ub.edu/iub/	Ext.: 934 021 687 Int.: 21687
Travel (*)	Agència de Viatges El Corte Inglés. Agència de Viatges UB <i>El Corte Inglés travel agency. UB travel agency</i>	933 161 509 902 180 129
		Ext.: 934 039 245 934 037 074 Int.: 39245/ 7074

(*) Through group leader / head of department / responsible of funded project

Whom Should I Contact if....? (II)



Issue / Query	UB Unit / Office in charge	Phone
Mobility	Oficina de Mobilitat i Programes Internac. (OMPI) / Unitat de Projectes Internac. de Recerca (OPIR) <i>Mobility and International Programmes Office / International Research Projects Office</i> http://www.ub.edu/uri/welcome_en.htm http://www.ub.edu/oper/	Ext.: 934 021 709 Int.: 21709
		Ext.: 934 035 383 Int.: 35383
Student Grants and Financial Aid	Beques i Ajuts a l'Estudiant / Servei d'Atenció a l'Estudiant (SAE) <i>Support Service and Programs / Student Support Service (SAE)</i> http://www.ub.edu/web/ub/en/universitat/organitzacio/unitats_administratives/s/unitatsS/bequesiajutsaestudiant.html ? http://www.ub.edu/web/ub/en/universitat/organitzacio/unitats_administratives/s/unitatsS/serveiatencioestudiant.html ?	Ext.: 934 039887 Int.: 39887
Doctoral School	Escola de Doctorat <i>Doctoral School</i> http://www.ub.edu/escola_doctorat/en	Ext.: 934 021 754 934 037 652 Int.: 21754 / 37652
Calls - Research projects	Oficina de Gestió de la Recerca (OGR) / Unitat de Projectes Internacionals de Recerca (OPIR) <i>Research Management Office (OGR) / International Research Projects Office (OPIR)</i> http://www.ub.edu/ogrc / http://www.ub.edu/oper/	Ext.: 934 035 398 Int.: 35398
		Ext.: 934 035 383 Int.: 35383
SAP / Accounting (*)	Suport Econòmic i Financer (USEF) <i>Economic and Financial Support Unit (USEF)</i> http://www.ub.edu/finances/ATENEA_ECOFIN/novetats/documents_hm/circuit_resolucio_incidencies.htm	Ext.: 934 020 809 / 934 020 810 Int.: 20809 / 20810
Communication / Dissemination (*)	Communication Unit Press and UB unit for Scientific Culture and Innovation (UCC+i) http://www.ub.edu/web/ub/en/universitat/organitzacio/unitats_administratives/c/unitatsC/comunicacio.html ?	Ext.: 934 035 544 / 934 035 412 Int.: 35544 / 35412

(*) Through group leader / head of department / responsible of funded project



www.ub.edu



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