



2020 CALL FOR PREDOCTORAL CONTRACTS OF THE UNIVERSITY OF VALLADOLID

The University of Valladolid is aware of the need to reinforce and complement the formation of PhD students in all areas of knowledge, making it easier for the best candidates to learn in the various PhD Programmes offered by the University, thus directing their future towards research and teaching.

The main aim of the present call is to increase the quantity and quality of new doctors, facilitating and promoting the accomplishment of their doctoral theses within the framework of the best research projects. A secondary aim is to provide incentives to students to complete their PhDs during the third year of the contract, in which case funding would be provided for a postdoctoral orientation period (POP). The specific aim of the said POP would be to perfect the knowledge acquired during the course of the PhD and thus make their academic career more solid.

The two factors of a candidate with a good academic preparation to undertake a quality doctoral training project as part of a research unit with accredited formation capacity will, without a doubt, ensure the availability of future doctors in different academic disciplines that will allow the University to have well formed candidates for their possible incorporation to the teaching and research personnel.

The PhD is a complex learning process whose aim is to form high quality doctors, prepared to progress in a competitive academic career with the best guarantees of success. To this end, we must encourage the convergence of the best students with the best research groups. This call thus establishes a system of requisites for the director of the training process and the evaluation of the applicant's merits.

The University of Valladolid has recently achieved the HRS4R seal of approval. The *Human Resources Strategy for Researchers (HRS4R)* is a strategy of the European Union that arose to make a career in research more attractive, giving researchers the same rights and obligations in any of the EU countries where they are carrying out their profession. The implantation of the strategy by the University of Valladolid is a tool that allows an adequate environment to be offered to researchers, converting the institution into a recommended destination for international researchers. The **European Charter for Researchers** is based on the *roles, responsibilities and rights of researchers and those who contract them*. The aim of the Charter is to ensure that the relationship between the two parts positively contributes to the process of creating, transferring and sharing knowledge and to the professional development of the researchers. The **Code of Conduct for the Recruitment of Researchers** aims to improve contracting and ensure that the selection processes are fair and transparent.

This call for predoctoral contracts forms part of the University of Valladolid's own research programme. The objective is to promote the specialised training of persons who wish to direct their professional activity towards teaching and research.

For the aforementioned reasons and with the prior consent of the Research Commission, having heard the sectorial committee of the PDI of the University of Valladolid, it has been decided to publish the following call.



BASES

First. Object

1.- The object of this call is to offer work contracts of 4 years' duration for the formation of doctors, under the modality of predoctoral contract, in accordance with what is established in article 21 of the Law 14/2011 of Science, Technology and Innovation, to carry out research work in the field of a specific, novel project, in order to accomplish the PhD in a Department or University Research Institute of the University of Valladolid (from now onwards, UVa), in accordance with the principles of publicity, transparency, objectivity, equality, merit and capacity. Where appropriate, a work contract will be drawn up for a postdoctoral period of orientation of one year's duration for those beneficiaries who obtain the title of PhD before the final year of the standard contract.

2.- This call is for **35** predoctoral research personnel positions, of which 7% (**3** positions) are reserved for students with a disability equal to or higher than 33 per cent. Should these positions not be filled, they will be reincorporated to the ordinary modality.

3.- Of the 35 positions, one (**RyC modality**) will be linked to the Ramón y Cajal Researcher of the last call who has joined the University of Valladolid. Two positions (**BEAGAL modality**) will be linked to the researchers Beatriz Galindo Senior & Junior obtained by the University of Valladolid in the 2018 call. The remaining 32 positions (**ordinary modality**) will be distributed among the five main areas of knowledge: Arts and Humanities, Natural Sciences, Health Sciences, Social Sciences and Law, Engineering, and Architecture. The distribution of the positions among these five areas of knowledge will be done as described in Section 10.6 of this call. The assignment of the main areas of knowledge will be done on the basis of the PhD Programme selected in the application, following the distribution described in <http://escueladoctorado.uva.es/opencms/oferta/index.html>.

4.- Each candidate can only present one application. Should there exist two applications by the same person, it shall be considered that the said applicant opts for the last application presented, in accordance with the date and hour of registration in this University, thus making all prior applications null and void.

5.- The research projects, to the execution of which this call pertains, will abide by the Code of Good Practices in Research, approved by the Agreement of the Governing Board dated January 31st 2013.

6.- The contracting of the predoctoral research personnel will be carried out respecting the principles established in the Recommendation of the European Commission, dated March 11th 2005, concerning the European Charter for Researchers and the Code of Conduct for the Recruitment of Researchers.

Second. Applicant requirements

1.- Notwithstanding the requirements of a general nature established in the *R.D. Legislative 5/2015, dated 30th October, by which the rewritten text of the Law of Basic Statutes for Public Employment (EBEP)* concerning access to public employment were approved, the present call is aimed at contracting university graduates who, on **the deadline for presenting applications**, fulfil the following requirements:

- a) To hold an official Spanish degree or equivalent, plus a university master or equivalent, having achieved at least 300 ECTS credits in total from the two qualifications.



- b) To be in possession of a qualification obtained through foreign university education systems, without the need for homologation, with prior proof from the university that the said qualification is on an equivalent level to that of an official Spanish title of University Master and that the said title authorises the holder to gain access to PhD studies in the country of issue. This admission does not, under any circumstances, imply the homologation of the said title nor its recognition to other effects than that of access to the PhD course.
- c) Comply with one of the other requirements in art 6.2 of the RD 99/2011, dated 28th January, regulating the official PhD courses, except for paragraph e.
- d) Those who are currently on an official university master course that gives access to a PhD programme in the academic year 2020-2021 can also apply for this grant, in accordance with the applicable academic planning. **In any case, on the start date of the contract, an indispensable requirement will be to be registered in a PhD programme of the UVa, with full-time dedication.** This requirement must be maintained during the entire duration of the predoctoral contract.

2.- Those already in possession of a PhD cannot apply for these positions.

3.- The average mark of the academic record must be higher than or equal to 6.5 points. For the said calculation, only those marks from the undergraduate degree will be taken into account and not the credits from the master.

- a) To calculate the average mark, the indications of ANNEX B of this call will be taken into account.
- b) In those cases in which the applicant's access to the doctoral courses is accredited by more than one title, as may be the case of diplomas, technical engineering, technical architecture or teacher training diplomas and undergraduate degrees that do not reach 240 credits, the minimum average mark must be accredited independently with respect to each one of the academic titles (excluding those of master).

4.- In the ordinary modality, the applicant will present an original research proposal that forms part of a research project that possesses the requirements established in Section six of these bases.

Third. Funding

1.- These contracts are funded from the budgetary application 180113-541A.2.01 of the year 2021 and from the budgetary application corresponding to the Budgets of the UVa for the following years.

2.- The total amount for this call (salary + employer's contribution), for the 4 yearly payments is **3,208,175€**.

3.- The grant is subject to income tax and the established rates will be applied in accordance with the current regulations at the time.

4.- This call is subject to the suspensory condition of the existence of sufficient and adequate credit to finance the obligations derived from the concession in the corresponding years. The said credit may be increased if so required by the circumstances.

Fourth. Characteristics of the contract

1.- The predoctoral contract, in accordance with the specific regulations, will have the following characteristics, for the totality of its duration:



- a) The objective of the predoctoral contract is the simultaneous completion by the predoctoral research personnel in training, on the one hand, of research tasks in a specific, novel project and, on the other, of the set of formative activities that lead to the acquisition of the necessary competences and skills to obtain the official university title of Doctor, with no obligation to perform any other activity that may detract from the contract's educational and research objective. The research activities will be carried out in a Centre and Department or LOU Institute of the UVa, situated in any of its four campuses. These personnel will be considered predoctoral research personnel in training.
- b) The contract will be in written form between the research personnel in training, in their condition as workers, and the UVa, in its condition of employer.
- c) The contract will be formalised under the modality of predoctoral contract, as foreseen in the Law 14/2011, dated 1st June, on Science, Technology and Innovation (BOE of 2nd June) with full-time dedication. The duration of the contract will generally be of four years. Nevertheless, when the contract is made with a person with a disability, the duration may be up to a maximum of six years, taking into account the characteristics of the research activity and the degree of limitations in the said activity.
- d) If, prior to the start date of the predoctoral contract, the employee should have received other grants, either public or private, for the purpose of his/her predoctoral formation, within the framework of the Law 14/2011, the duration of the grant will be reduced by the period for which she/he would have been contracted. The decrease in the period of the grant will become effective from the first month of the contract. The beneficiaries must inform the governing body of such a circumstance.
- e) The gross salary will be calculated in accordance with what is established in the article 7 of the Royal Decree 103/2019, dated 1st March, which approved the *statute of predoctoral research personnel in training*. The extraordinary payments will be apportioned on a monthly basis as part of the said salary. The amount corresponding to each monthly payment will be paid by the UVa to the beneficiaries, into a personal account under the employee's name of the Banco Santander.

2.- In accordance with the articles 20 and 21 of the said Law 14/2011, dated 1st June, when the research personnel in training obtains the PhD or finishes her/his permanence in the doctoral programme, the predoctoral contract will be at an end. To these effects, it will be considered that he/she has obtained the title of doctor on the date of the act of defence and approval of the doctoral thesis.

3. Subject to the previous paragraphs, if the title of doctor is obtained before the start of the fourth year of the contract, a contract will be made with the researcher in question in order to carry out a postdoctoral orientation period (POP). This transition contract will be full-time, with a duration of one year and a gross monthly salary of 1,900€, to be maintained for the duration of the contract. The extraordinary payments will be apportioned on a monthly basis as part of the said salary. Prior to the formalization of this contract, the interested party will provide a programme of work and activities for the period in question.

4.- The interruption of the contract will not involve an extension of the duration of the contract, except when the said interruption is due to a situation of temporal incapacity for a period of at least two consecutive months and the remaining reasons set out in the article 21.c) of the aforementioned Law 14/2011, dated 1st June.

5. The grants regulated by the present order will be incompatible with other contracts or financial aid from public or private funds whose object is also research and with the salary from any activity carried out during the same working hours.



6. Nevertheless, the grants will be compatible with those payments that come from grants:

- a) For attending scientific congresses and meetings.
- b) For brief stays and temporary transfers conceded by public or private, national or international, organisms, as long as they comply with the following requirements:
 - i. The duration cannot be more than nine months in total over the four year period of the predoctoral grant.
 - ii. They can only be exercised during the predoctoral contract phase.

7. The beneficiaries must communicate to the UVa any other grants, aid, income or resources that provide funds for the activities of the grant.

Fifth. Requirements and obligations of the director of the research work

1.- The applicants who are registered in a doctoral programme of the UVa at the moment of their application must participate in the call with a director of their research work, who must be the director of their thesis (or one of them, if it is co-directed), who must also fulfil the requirements specified in point 4, and who will have been named by the Academic Commission of the doctoral programme, in accordance with the article 11.4 of the RD 99/2011, dated 28th January, regulating the official teaching of PhDs.

2.- Those applicants who are not registered in a PhD in the UVa at the moment of their application must propose a director for their research work who fulfils the requirements established in point 4 and, when necessary, those of article 11.4 of the said RD 99/2011, dated 28th January, in order to be named by the corresponding Academic Commission of the PhD programme. If the proposed director of the research work is not finally named as the director of the thesis by the Academic Commission of the doctoral programme, in order to be able to maintain the contract of this predoctoral researcher, the director or co-director of the thesis must fulfil the minimum requirements established in the Call (indicated in point 4 below).

3.- Any incidents concerning the director of the research work will be resolved in accordance with the regulations of the Doctoral School and those established in this call.

4.- **In the ordinary modality**, the director of the research work must fulfil the following requisites:

- a) She/he will be a full-time PhD professor linked to the UVa through a work or legal-administrative contract or to one of the public research organisms that maintain a current, stable collaborative agreement with the UVa: i) through one of the two mixed centres of the UVa [Institute for Biology and Molecular Genetics (IBGM) or the University Institute for Research into Sustainable Forestry Management (IuFOR)]; ii) through the Centre for Biomedical Research in the Net (CIBER).
- b) He/she must have an active six-year bonus. In the case she/he is not eligible for the said six-year bonus; the accredited merits will be evaluated by the research commission following the criteria established by the CNEAI.
- c) Should the director of the research work have a contractual link and his/her contract does not have a duration longer than the maximum period of the predoctoral contract, established in a maximum of 48 months, plus those leading up to the resolution of this call, then a co-director who is a permanent PDI of the UVa will be necessary.
- d) The director must form part of the research team carrying out the project of which the thesis work of the candidate is a part. Should a co-director be obligatory, according to what is established in the above paragraph c), it will be the co-director who must form part of the research team developing the said project.



- e) Those who, at the closing date of the present call, are directors of a predoctoral employee of the UVa in the two previous convocations to the present one will not be eligible to be a director of research work in this convocation.
- f) These conditions are not remediable.

5.- **In the modalities RyC and BEAGAL**, the researchers of the Ramón y Cajal and Beatriz Galindo programmes of the UVa (related in ANNEX A) will propose the thesis line or lines to be directed. The candidates for these positions do not have to present a director; they only have to choose the project they would like to compete for. Only the candidate with the highest score for each of the researchers Ramón y Cajal and Beatriz Galindo, who also fulfil the minimum mark requisite, will be selected. The researchers of the Ramón y Cajal and Beatriz Galindo programmes cannot participate in the ordinary modality.

6.- For those applications that are not assigned to researchers of the Ramón y Cajal and Beatriz Galindo programmes related in Annex A (**ordinary modality**), the directors of the research work cannot propose themselves as directors of more than one applicant in this call. The non-compliance with this limit will result in the exclusion of all the applications presented in which he/she figures as director. This exclusion can only be corrected if, within the stipulated time limit for said corrections, the director opts for one of the applicants. If no such option exists, the applicants will be excluded without further formalities. However, the same director can figure as co-director of several applicants.

Sixth. Requisites of the research project to which the candidate's original research work is to be linked

1.- The original research work which the candidate aims to carry out during the contract, except in the case of the researchers in the Ramón y Cajal and Beatriz Galindo programmes, must necessarily form part of a competitive research project, or of a research agreement or contract signed with public entities or private enterprises, and which must be valid at the time this call for applications closes. In the case of contracts, the minimum amount concerned must be 10,000€ (ten thousand Euros) of direct costs, excluding VAT.

2.- With relation to the projects/agreements/contracts referred to in point 1, only those in which the beneficiary is one of those indicated below will be considered:

- a) The University of Valladolid.
- b) The General Foundation ('Fundación General') of the University of Valladolid.
- c) The Scientific Park Foundation ('Fundación Parque Científico') of the University of Valladolid.
- d) The CSIC within the framework of the IBGM or the INIA within the framework of the iuFOR, as mixed centres, as long as they maintain the collaborative agreement with the UVa in force.

3.- In any case, the centre where the work will be carried out must be integrated into one of the Campuses of the University of Valladolid.

Seventh. Convocation and period for presenting applications

1.- The call will be published in the Online Announcements Board of the UVa: <https://sede.UVa.es> (Tablón oficial/Investigación).



2.- The period for presenting applications will begin at **9:00 hours on 1st September 2020** and will end at **14:00 hours on 30th September 2020** (local time in both cases).

Eighth. Form of presenting applications

1.- In the interests of the technical capacity of those interested in answering this call, the application will be formalized through the **Online Website** of the UVa, at <https://sede.uva.es>. Applicants must enter the **citizen's file (carpeta ciudadana)**, and after identification, enter the procedure of the Call for predoctoral contracts of the University of Valladolid. Then choose the option "Start procedure (online)" ("Iniciar trámite (online)"), or continue procedure (continuar trámite) if the procedure had been started in previous sessions. The said application will be accompanied by the documents specified in the ninth base of this call.

2.- Preferably, applicants should have an electronic certificate to identify themselves in order to gain access to the procedure. Having validated their identity with the said certificate, they can then access the procedure. It is important to read the "helpful instructions", where they can obtain information concerning the procedure to attach documents. A maximum of 10 documents can be attached, although the total size of these documents may not exceed 10 MB.

3.- The applicants who do not have an electronic signature or certificate can access this procedure by obtaining a username through the Unified Register of Applicants of the University of Valladolid (RUS) at: **ACCESO RUS-UVA**. If the applicant is already a student or a member of the PAS/PDI of the UVa, he/she must not use the RUS. Nor should it be used if the applicant has a digital certificate, Electronic ID card (DNI) or username of the Cl@ve system.

4.- The applications presented will have the same legal effects as those formulated in accordance with the article 16.5 of the Law 39/2015, dated 1st October, concerning the Common Administrative Procedure of the Public Administrations.

5.- The applicants must check on the website (<https://sede.uva.es>), prior to completing the documentation, that the computer they are going to use to electronically register the documentation complies with the minimum requisites.

6.- The email soporte-sede@uva.es is available to give assistance in resolving any technical incidents that may arise during the application procedure. For those applicants who do not have the means to apply online, the university will make computers available in the CAU (Alfonso VIII Building) until the end of the application period, during the hours of attention, which are 9am to 2pm Monday to Friday.

7.- A copy of the registration document can be obtained from the Online Office, in the section "consulting records".

8. Each applicant can only present one application. Should there exist two or more applications from the same person, the last one presented will be taken as the chosen one, in accordance with the date and hour of the registration in this university. Thus, all the earlier applications will be null and void.

9.- When an unforeseen technical incident, or a planned, necessary technical maintenance intervention makes it impossible for the website of the UVa or the application system corresponding to the General Online Registration to function correctly, an agreement can be reached to extend the deadline. If the technical incident should occur within the last twenty-four hours of the established period for applications, this period can be extended by twenty-four 'business' hours, starting from the end of the original period. If, having already extended the period, and it is probable that the technical incident may persist beyond the limit of twenty-four 'business' hours, the competent organism concerning each procedure can agree, expressly and



with reasons, an extra extension under the terms of the article 32 of the Law 39/2015, dated 1st October. In all cases, either the occurrence of the technical incident or the warning of a planned non-availability, as well as the concrete period of extension, with reference to the affected procedures, must be published in the website.

Ninth. Contents of the applications

1.-The applications must be accompanied by the following documents:

- a) Copy of valid passport (only for foreign students not resident in Spanish territory). In the case of Spanish students or foreign citizens resident in Spanish territory, participation in this procedure implies given consent to the instructing organism to consult the data concerning identity included in the application, providing reliable proof through the Identity Data Verification System, in accordance with the sole article.3 of the Royal Decree 522/2006, dated 28th April.
- b) Personal academic certificate, taking into account the following circumstances:
 1. The managing body will gather, through the data intermediation platform (PID), the personal academic certificates of the studies carried out in official Spanish centres, through which the candidate has gained access or will gain access to the PhD course, should the applicant not have completed these in the UVa.
 2. The candidates who have carried out the necessary studies to gain access to the PhD course in private centres must provide the official certificates.
 3. In the case of studies carried out totally or partially in foreign university systems, the official academic certificates from the emitting centre must be presented. In addition, the document of equivalence from the Spanish 'Ministerio de Educación y Formación Profesional' (Ministry of Education and Professional Formation) must also be presented. In the request for the calculation of the equivalent average marks of university studies carried out abroad, the applicant must contact the following address: <http://www.educacionyfp.gob.es/dam/jcr:4c937465-776b-4bac-b1a5-0b96e49ef0cf/guiainformativaequivalencianotamedia.pdf>
- c) Only for the ordinary modality, a descriptive memory of the original research work to be carried out during the contract, with the approval of the director of the research work, according to the standard model **Form 1**. In the exceptional case where the figure of a co-director is necessary, in accordance with that stipulated in the Fifth base, section c), the approval of the said co-director of the work will also be required.
- d) The applicant's scientific record, according to the standard model **Form 2**. The merits reflected in the scientific record of the applicant must be accredited with documentation. The publications will preferably be accredited by means of a link to the address of a repository in which the said documents are stored. Exceptionally, if the said documents are not published electronically, the complete pdf text can be included. All the merits of the scientific record will be included in a single pdf document accompanying the **Form 2** whose total may not exceed 8MB. The name of the file will be: historialcientifico_primer apellido (scientificrecord_first surname).
- e) Where appropriate, an official document accrediting a disability equal to or higher than 33%.

2.- The presentation of the application implies the applicant's permission, and that of the director of the research work, for the instructing organism to consult, check, obtain or demand the information that features in his/her records in the UVa, the CSIC, the INIA or the CIBER, when it is necessary to identify the applicant as the beneficiary and to evaluate the merits.



3.- Accreditation from the applicant concerning the requisite of being registered in a PhD programme will not be necessary. The said information will be obtained from the institutional application of the UVa. Similarly, it will not be necessary to indicate the organising unit to which the director of the research belongs, since this information will be obtained, ex officio, by the administrative services.

4.- Only the documentation provided within the application period will be taken into account. It will not be possible to provide documentation supporting new, initially undeclared merits. The alleged merits that are not justified by documentation will not be included in the score, with the exceptions foreseen in the paragraphs 2 and 3 above. Their possession must be accredited at the end of the period of presentation of applications.

5.- The presentation of the application implies the acceptance of the bases of the call and consent to be notified via the email address included in the application.

Tenth. Instruction and resolution of the procedure

1.- The competent organism for planning and explaining the procedure will be the Research Support Service of the UVa.

2.- When the period for presenting applications finishes, the Vice-rector responsible for Research, as delegated by the Rector, will publish the provisional lists of those admitted and excluded on the Online Announcements Board of the UVa. In the case of those excluded, the reason for their exclusion will be given.

3.- Both those applicants who were excluded and those who were omitted (the latter because they were not on either list) will have 10 business days, starting from the day after the said publication on the Announcements Board, to rectify the defects that had caused their exclusion or omission. The publication of these lists on the Announcements Board of the UVa will serve as notification, to all possible effects, to the interested parties. Those applicants who, within the stated time limit, do not rectify the exclusion or make a claim against the omission, justifying their right to be included, will be definitively excluded from the selection process.

4.- On termination of the period for rectification, the Vice-rector responsible for Research, as delegated by the Rector, will publish the resolution on the same online Announcements Board of the UVa, thus being approved the definitive list of those admitted and excluded. Against such a decision, as a qualified act of the procedure, the applicant may lodge an administrative dispute appeal within the period of two months, before the Court of administrative disputes of Valladolid, or optionally, a reinstatement appeal within a period of one month, before the Rectorate. Both periods will start from the day after the publication of the resolution.

5.- Evaluation. It is the responsibility of the Research Commission of the Governing Board of the UVa, acting as the Selection Commission, to study and apply the evaluation criteria, according to what is established in the twelfth base. This will be carried out by the Advisory Commission, made up of 11 members distributed homogeneously among the five principal areas of knowledge (ANNEX C). This Advisory Commission will emit a mandatory report within one month, prior to the proposal of the resolution scheduled in section 6 of this base.

6.- Distribution of the positions. First of all, the applications that do not reach the 60% minimum of the maximum score, set out in section 1 of the twelfth base, will be discarded. The available positions will be assigned among the remaining candidates in accordance with the following procedure:

- a) Phase one: for each of the Ramón y Cajal and Beatriz Galindo researchers of the UVa, indicated in ANNEX A, the candidates for said positions with the highest scores in each



will be proposed for the position, in accordance with what has been established in the Twelfth base.

- b) Phase two: the candidates with the highest score who have justified the disability requisite will be proposed for a position until, added to the candidates selected in phase one who also fulfilled the said requisite, reaches the total of the 3 positions reserved for this round.
- c) Phase three: having discounted the candidates selected in the previous phases, the remaining contracts will be shared out among the five main areas of knowledge proportionally to the remaining applications presented in each one of the said areas, while also having exceeded the 60% minimum. Within each of the five principal areas, the applications will be ordered by score, with the highest first, and the said candidates will be proposed for positions until the places available are all filled. If there should be a draw in the scores, the question will be settled as specified in the twelfth base, section 4, of this call.

7.- The resolution proposal formulated by the Selection Commission, having heard the sectorial board of the PDI, which will ensure the correctness of the procedure, will include the scores assigned to each applicant in each one of the subsections. The scores will be obtained by applying the evaluation criteria specified in this call, within the framework of what is set out in the article 16.2 of the Law 14/2011, dated 1st June, and they will be published in the online Announcements Board of the UVa. It will be possible to lodge an appeal against the said resolution proposal within the limit of one month from the time of its publication in the said Announcements Board. The appeal will be evaluated by the Selection Commission, which can request a report from the Advisory Commission. Against the resolution of the appeal, applicants may lodge a further appeal in the Court of Administrative Disputes of Valladolid, within two months from the day after the publication of the notification.

8.- **The rectorate's resolution of this call** will be published in the online Announcements Board of the UVa. The said resolution will contemplate the necessary procedures and deadlines to formalise the contracts. The selected candidates must provide a declaration concerning predoctoral contracts from which they have benefitted. Non-compliance with the inclusion of this requisite before the indicated deadline or a failure to register in a doctoral course of the UVa will be understood as a cancellation of the contract.

9.- In the said rectorate's resolution there will be a waiting list of candidates according to the main **areas of knowledge** who, in order of scores obtained, will substitute those other candidates who may renounce their contracts or who do not take up their positions due to other circumstances. These substitutions will only be possible within **three** months from the publication of the definitive resolution and following an evaluation by the Research Commission. The duration of the grant for any reserves will be extended to fulfil the period of four years from the signing of the contract, except in such cases where the candidate had previously been on a contract for the same purpose.

Eleventh. Notifications

1.- As defined by what is set out in the article 45 of the Law 39/2015, dated 1st October, of the Common Administrative Procedure of the Public Administrations, the notifications will be carried out by means of publication in the online Announcements Board of the UVa, which will have all the effects of applicant notification.

2.- On completing the application, the candidates must indicate an email address at which they can be warned of any incidents in the procedure. In this case, the instructing organism will send



the candidate a message by email informing her/him of the new operation and that she/he may find authoritative and detailed information concerning it in <https://sede.uva.es>.

Twelfth. Evaluation criteria

1.- To be able to opt for the contracts in this call, the evaluation obtained must be **AT LEAST 60%** of the maximum possible evaluation.

2.- **RyC and BEAGAL Modalities.** Each Ramón y Cajal and Beatriz Galindo researcher will produce an argued report on the candidates who apply for the position, evaluating the candidates over a maximum of 20 points, evaluating the academic record and scientific experience of the applicant (40%, up to 8 points) and the candidate's aptness and prior experience in the subject of the research project to be carried out (60%, up to 12 points). The evaluations produced by the Ramón y Cajal and Beatriz Galindo researchers will, in all cases, be supervised by the Research Commission.

3.- **Ordinary Modality.** The applications will be evaluated over a maximum of 20 points, in accordance with the following evaluation criteria of merits:

A) Applicant's academic record: **Maximum 16 points.**

B) Applicant's scientific record: **Maximum 4 points.** The accredited merits on the standard form available as **Form 2** will be evaluated as follows:

	Section	Maximum
1	Extraordinary prizes	0.8
2	Other official titles or specialised educational courses	0.5
3	Publications	1.0
4	Stays in centres of prestige & participation in congresses	0.6
5	Grants obtained by academic merits	0.8
6	Accredited languages	0.3

1. *Only extraordinary prizes from Bachelor's degrees / Diplomas / Undergraduate degrees / Masters, required for the applicant to access the PhD programme. The extraordinary prizes from the first three will be valued at 0.5 points and those from a master at 0.3 points.*

2. *In this section, the following contributions will be evaluated:*

a) *Official titles of Bachelor's Degree / Diplomas / Undergraduate degrees or Masters (other than those required for the applicant to access the PhD programme) exclusively in areas scientifically close to the area of reference of the PhD, by reason of 0.3 points each one.*

b) *Courses of scientific specialisation scientifically relevant for the Project's line of research or for the PhD studies. Each one will be valued with a maximum of 0.1 points for a course of 30 hours.*

3. *In this section, the following will be valued:*

a) *Publications in indexed journals. These will be valued with respect to their impact in the project's area of reference. The maximum per article will be 0.4 points for a*



publication as principal signatory, of the first quartile (JCR) and of journals recognised by the CNEAI in the area of reference.

b) Publications in collective volumes, congress minutes, etc. A maximum of 0.2 points for each publication (for a communication in an international congress).

4.- Participation in congresses, workshops and scientific meetings (duly justified): up to a maximum of 0.1 points for each one. Formative stays in centres of prestige: up to a maximum of 0.3 points for each one (attainable for a stay of 3 months in a top level international centre in the field of the project). In all cases, only those activities carried out during the postgraduate period will be valued.

5. Only the grants obtained exclusively by merits will be valued, such as those of collaboration: up to 0.8 points for having obtained grants of international competitive tendering; up to 0.5 points for having obtained grants of national competitive tendering; and up to 0.2 points for having obtained grants of competitive tendering at a local level.

6.- Languages of scientific interest. Only accreditations in English or languages of scientific interest within the field of specialisation will be valued, equal or superior to the level B2 as follows: B2, 0.1 points; C1, 0.2 points; and C2, 0.3 points.

4.- **Tie-break rules.** In the case of a tie in the last places, the tie-break criterion will be the highest mark received in each evaluation criterion, taken in the same order as they are stated. Should the tie persist, the position will be given to the person whose gender is least represented in their list of admitted candidates (excluding those involved in the tie). Should they be of the same gender, the position will be given to the person who first presented the application, taking as reference the date and hour of the registration.

Thirteenth. Monitoring

1.- In accordance with the article 11.7 of the RD 99/2011 dated 28th January, regulating the official teaching of PhDs, the academic commission of the PhD programme will annually evaluate the research plan and the document of activities, together with the reports that the tutor and the director must produce in respect thereof. If the evaluation is not positive, the contract could be terminated in accordance with the applicable labour legislation.

2.- The said document will be able to be consulted in the institutional online application for doctorates of the UVa from the day after the last day fixed for the evaluation by the Doctorate School.

Fourteenth. Rights of the predoctoral research personnel

1.- The doctoral candidate will register with the LOU Institute and/or the Department of the director of his/her research work (or the co-director where appropriate), but always in a campus of the University of Valladolid. The said Departments and LOU Institutes that the predoctoral research personnel in training join, contracted in accordance with this call, will provide the necessary support and collaboration in order to be able to carry out their research work, in accordance with what is available.

2.- The predoctoral research personnel in training will have all the rights established in article 14 of the Law 14/2011, dated 1st June, concerning Science, Technology and Innovation, and in chapter II of the Royal Decree 103/2019, dated 1st March, approving the statute of predoctoral research personnel in training.

3.- The predoctoral research personnel in training may collaborate in teaching tasks as long as it does not diminish the teaching load of the department assigning the collaboration, up to a



maximum of 180 hours during the total extent of the predoctoral contract, and not above 60 hours annually in any case.

4.- The university departments of the UVa in which the predoctoral research personnel in training are registered will provide the said research personnel what they may request, while respecting equal opportunities and in the measure that is possible within the limits previously established, in order to carry out the said collaborations in teaching duties. The practical discharge of the competences to be acquired will be done in undergraduate degree courses. In no case can the beneficiary of the grant be put in a position of responsibility or as a coordinator of a subject, nor can they co-direct a TFG or TFM (degree or master dissertation); nor can they form part of a jury or sign the acts. The teaching collaboration will be computed as established in the personnel document currently in force in the UVa.

Fifteenth. Obligations of the predoctoral research personnel

1.- The signing of the contract implies the commitment, on the part of the beneficiary, to comply with the conditions fixed in this call, as well as with the obligations set out in the article 15 of the Law 14/2011, dated 1st June and in chapter II of the Royal Decree 103/2019, dated 1st March, approving the *statute of the predoctoral research personnel in training*.

2.- Notwithstanding the obligations inherent in their condition as personnel with a work contract with the UVa, the persons selected within the framework of this convocation must:

- a) Once the work contract has been formalised, join the Centre of the UVa and the Department/LOU Institute UVa of adscription, which will be exclusively her/his habitual place of work.
- b) To request and obtain the authorisation of the Vice-rector responsible for research for any change concerning the Department or LOU Institute to which he/she is assigned, with a prior report from both affected Departments or LOU Institutes.
- c) To diligently fulfil the different stages of the training process, the thesis and participation in research projects in which she/he is involved.
- d) To request prior authorisation from the Vice-Rectorate responsible for research concerning any temporary absence from the Department/ LOU Institute of adscription related with training and research activities. Nevertheless, for absences due to attendance at scientific congresses, meetings or workshops, only the authorisation of the research director and the Department/LOU Institute of adscription will be necessary.

3.- The contracted research personnel, in publications and other results that may arise from the research work, must state their link to the UVa, in accordance with the Resolution of the Rectorate of the University of Valladolid dated 8th April 2013, concerning the standardisation of the institutional affiliation in all kinds of publications carried out by personnel linked to the University of Valladolid. Similarly, funding from the Banco Santander must also be stated. To do so, in the acknowledgements, the following must be indicated: <<“Name of the researcher” has received funds through the call for predoctoral contracts of the UVa 2020, co-financed by the Banco Santander.>>

Sixteenth. Period of resolution

The time elapsed between the publication and the resolution of the convocation may not exceed eight months, counting from the start of the period for applications to this call, except for the concurrence of the legal requirements of suspension or extension of the period due to an appeal or other justifiable grounds, as valued by the Rector. The said period may be suspended



during the time between the petition for evaluation to the Advisory Commission and the reception of the report; in such cases, according to the legal provisions, the interested parties will be informed of the fact.

Seventeenth. Legal arrangements

The convocation shall be governed by the following legislation:

- Royal Decree 99/2011, dated 28th January, regulating the official doctoral courses (BOE 10/02/2011).
- Resolution dated 28th July 2016, from the Rector of the University of Valladolid, publishing the Rector's delegation of competences to various single-person organisms of government of this University (BOCYL 24/08/2016).
- Statutes of the University of Valladolid approved through agreement 104/2003, dated 10th July, of the Junta de Castile & León, (BOCYL 16th July 2003).
- Law 39/2015, dated 1st October, concerning the Common Administrative Procedure of the Public Administrations.
- Law 40/3015, dated 1st October, concerning the Legal System for the Public Sector.
- Organic Law 6/2001, dated 21st December, concerning Universities (B.O.E. 24th December 2001), modified by the Organic Law 4/2007, dated 12th April (BOE 13th April).
- Law 14/2011, dated 1st June, concerning Science, Technology and Innovation (BOE 2nd June 2011).
- Legislative R.D. 5/2015, dated 30th October, approving the rewritten text of the Law of the Basic Statute of Public Employees.
- Organic Law 4/2000, dated 11th January, concerning the rights and liberties of foreigners in Spain and their social situation (BOE 12th January 2000).
- Legislative Royal Decree 2/2015, dated 23rd October, approving the rewritten text of the Law of the Statute of the Workers (BOE 24th October 2015).
- Royal Decree 103/2019, dated 1st March, approving the Statute of the predoctoral research personnel in training.
- Additionally, the Regulation concerning the contracting of research personnel and collaborating personnel in research tasks, funded definitively through research projects, contracts, agreements or accords approved by the Agreement of the Governing Board dated 31st January 2013, will also be applicable.

Eighteenth. The question of gender

To be coherent with the value of gender equality assumed by the University of Valladolid, all names appearing in this convocation resolution are gender inclusive.

Nineteenth. Data protection

1.- The data of a personal nature from this call will be treated confidentially and will be incorporated into information files belonging to the University of Valladolid, with the aim of finalising the call. These will be conserved for the necessary period of time in order to fulfil the



said aim and the data concerning the contracts conceded will be maintained for the anticipated purposes of certification and statistics.

2.- The informative document concerning the protection of data of a personal nature is incorporated as Annex D of this call.

Twentieth. Appeals

Against this present call, which is definitive and exhausts the administrative channels, it is possible to lodge an administrative appeal within two months starting from the day after its publication, before the Court of Administrative Disputes of Valladolid. It is also optionally possible to lodge a reversal appeal before the Rectorate of the University of Valladolid, in the period of one month from the day after publication. In this case, it will not be possible to lodge an administrative appeal, mentioned above, until the reversal appeal has been expressly resolved or the implied rejection of the reversal has been given.

Valladolid, on the date of the electronic signature
THE RECTOR,
(By delegation, R.R. dated 28/07/2016, BOCYL dated 24/08/2016)
The Vice-rector of Research

Collaborating institution:





ANNEX A

RELATION OF “RAMÓN Y CAJAL” AND “BEATRIZ GALINDO” PERSONNEL WITH ASSIGNED PREDOCTORAL CONTRACT

Researchers of the Ramón y Cajal and Beatriz Galindo programme of the last resolved call who are currently carrying out their work in the UVa and who, as a research policy measure, have a predoctoral contract to foster their research activity:

- **RAMÓN Y CAJAL RESEARCHER: Fernando Arias Guillén (Dpt. of Ancient and Medieval History)**

Doctoral Programme: Europe and the Atlantic World: Power, Culture and Society.

Scientific areas of work: History of power in the Middle Ages.

Project theme or themes to be developed: Construction and representation of regal power in Castile & Leon during the 13th & 14th centuries.

Within this theme, there are two possible areas of research to be developed:

- The relation between the king and the nobility. Analysis of the interpersonal relationships between the Castilian monarch and the principal magnates of the kingdom. The nobility's sources of wealth and power. Lordly power and royal power.
- The Courts. Idea of community in the kingdom. Local powers and centralised power. Representation and “performativity” of power.

Expected candidate profile: An academic record and the candidate's familiarity with the research area to be developed will be an advantage. A medium/high level of English and a good base in Palaeography are not obligatory requisites, but they are desirable.



- **BEATRIZ GALINDO SENIOR RESEARCHER: David Vega Maza** (Department of Energetic Engineering and Fluid Mechanics)

Doctoral programme: Thermodynamic Engineering of Fluids

Scientific areas of work: Thermophysical properties and phase diagrams of multi-component fluid mixtures; Metrology; Thermodynamic modelling; Capture, transport, CO₂ storage and use; Transition energies; Hydrogen and other energy vectors with a low carbon footprint; Sustainable fuels from biomass; Bioeconomy; Integration of energy systems.

Project theme or themes to be developed: Thermophysical properties of fluids for the energy transition.

The Paris Agreement and the new commitments acquired by the EU and Spain to reach a sustainable economic model, with zero net emissions in 2050, requires technologies that will allow an energy transition in not only the origin of primary energy and the conversion processes, transport and storage; but also in its use. This project area will contribute to this search with accurate measurements of the properties of the clean fluids needed for this transition.

Objectives: 1) The Thermophysical characteristics of second generation biofuels that can be applied to transport, heat and electricity generation, industrial uses and energy storage; 2) the thermophysical and comprehensive characterisation of the phases of new solvents used in the separation processes in the capture of greenhouse gases; 3) the characterisation of the thermophysical properties, including high pressure dew points of biogas and hydrogen to be injected into the natural gas network.

Methodology: Extensive use and improvement of existing accurate techniques in the TermoCal group: cylindrical and spherical acoustic resonators; quasi-spherical acoustic and microwave resonators; cylindrical microwave resonators; magnetic suspension gas hydrometers; vibrating tube hydrometers; body fall viscometer; vibrating thread viscometer; high pressure flow calorimeter; enthalpy mixture calorimeter; liquid-vapour balance static cell. A rigorous calculation of uncertainty in the experimental data obtained in wide ranges of compositions, concentrations, temperatures and pressures, together with their adjustment to correlation models, will be incorporated into reference models of fluid properties.

Expected candidate profile:

The candidate's academic record and experience in the proposed area or similar areas will be valued.

Necessary requisites:

- Qualification in engineering, chemistry, physics.
- Good level of English, with a high capacity for reading.

Desirable requisites:

- Knowledge of thermodynamics and its importance in energy and climate change.
- High level of English (speaking, reading and writing).



● **BEATRIZ GALINDO JUNIOR RESEARCHER: Danilo Cantero Esposetti (Dpt. Chemical Engineering & Environmental Technology)**

Doctoral programme: Thermodynamic Engineering of Fluids

Scientific areas of work: The development of Renewable Materials applicable to Industry in general and the Food, Cosmetics and Pharmaceutical Industries in particular; their application to the concepts of sustainability for the development of processes to convert renewable raw materials; the thermodynamics of chemical reactions and the mass transfer process; Chemical Reaction Engineering; Intensification of Processes; Supercritical Fluids.

Project theme or themes to be developed:

- The physicochemical evaluation of the most common polymers in biomass. The degree of crystallinity. The interaction between polymers in the biomass (e.g.: cellulose - lignin; cellulose - hemi-cellulose and hemi-cellulose - lignin, etc.).
- The design of optimal conditions using sub- and supercritical fluids to rupture molecular complexes: cellulose - lignin; hemi-cellulose - cellulose and hemi-cellulose - lignin, etc.).
- To study the effect of mineral salts (ashes), acids (low pH) and bases (high pH) in the fractioning and hydrolysis processes of biomass.
- The design and study of the simultaneous Hydrolysis and Oxidation processes in Supercritical Water.

Expected candidate profile:

- Qualified in Engineering or Chemistry. Preferably Chemical Engineering, the environment, industrial.
- High level of understanding in Thermodynamics, Reaction Engineering, Mass and Energy Balance, Transport Phenomena and Chemistry.
- A demonstrated interest in innovation.
- A commitment to caring for the environment and the development of clean, sustainable technologies.
- Good knowledge of IT tools: Office. Experience in Simulation and Programming. Extra value will be given to: Aspen, ACM, Matlab, Visual, etc.
- High level of English: the capacity to adequately write, read, speak and understand.
- Demonstrated commitment to punctuality, deadline fulfilment, safety and hygiene rules and professional ethics.



ANNEX B

CALCULATING THE AVERAGE MARK

To calculate the average mark, the following will be taken into account:

1.- FOR STUDIES IN SPANISH CENTRES

a) The calculation of the average mark will be based on the numerical scale from 0-10, as in the article 5 of the Royal Decree 1125/2003, dated 5th September, which establishes the European system of credits and the system of qualifications in the official university qualifications valid in the entire national territory and in paragraph 4.3.4 of the annex to the Royal Decree 1044/2003, dated 1st August, establishing the procedure for universities to issue degrees in the European Supplement to the Degree.

b) The average marks of the degrees obtained in courses held in two or more universities must contain all the subjects, the marks and the credits obtained.

In these cases, the recognised subjects will have the equivalence in points corresponding to the qualification obtained in the centre where the candidate is based. As for the adapted subjects, the qualification obtained in the centre where the candidate is based will be computed, and the recognition of credits in which there is no qualification or which correspond to training activities not integrated in the study plan will not be taken into account to calculate the average mark, as established in the Royal Decree 1125/2003, dated 5th September.

If the record only has the qualitative mark, the calculation of the average mark will be done taking into account the evaluation of each one of the different qualifications, which for the present convocation will be as follows:

Honours	Outstanding	Good	Pass
10 points	9.25 points	7.75 points	5.75 points

c) In any case, the average mark of the academic record of the accredited studies to obtain the corresponding degree will be the result of applying the following formula: the sum of the credits obtained by the student, multiplying each one of them by the value of the corresponding qualifications, and dividing by the total number of credits obtained by the student.

d) If there should be any scenario different from those contemplated above, the instructing organism will determine the average mark by analogy, safeguarding the principle of equality.

2.- FOR STUDIES CARRIED OUT IN FOREIGN CENTRES

In the case of degrees obtained either partially or totally in foreign university systems, adapted or not to the European Higher Education Area (EHEA), the equivalence to the Spanish qualifications will be calculated through the online headquarters of the Ministry of Education & Professional Formation.

The information concerning the equivalences can be found in the website:

www.mecd.gob.es/mecd/servicios-al-ciudadano-mecd/catalogo/general/educacion/203615.html

Any doubt or consultation must be directed to the following email address: notamedia.uni@mecd.es



Universidad de Valladolid HR EXCELLENCE IN RESEARCH

The applicant will provide the “**Attestation of equivalence of the average mark**” which can be obtained as described in the website of the Ministry. It will only be valid if it is accompanied by the official academic certificate and, when necessary, the corresponding translation.



ANNEX C

Incumbent Advisory Commission

- **SCIENCES:**
 - Javier Sanz Gil (Mathematical Analysis)
 - Victor Manuel Rayón Rico (Physical Chemistry)
- **HEALTH SCIENCES:**
 - Francisco Javier Álvarez González (Pharmacology)
 - Teresa Pérez García (Physiology)
- **SOCIAL SCIENCES AND LAW:**
 - María José Moral Moro (Procedural Law)
 - Bartolomé Rubia Avi (Didactics & School Organisation)
- **ARTS AND HUMANITIES:**
 - María del Pilar Celma Valero (Spanish Literature)
 - Ricardo Martín de la Guardia (Contemporary History)
- **ENGINEERING AND ARCHITECTURE:**
 - Óscar Duque Pérez (Electrical Engineering)
 - Juan Luis de las Rivas Sanz (Urban & Territorial Planning)
 - Diego Rafael Llanos Ferraris (Computer Architecture & Technology)

Reserve Advisory Commission

- **SCIENCES:**
 - Carolina Martínez Ruíz (Ecology)
 - Luis Ángel García Escudero (Statistics & Operational Research)
- **HEALTH SCIENCES:**
 - José Antonio Garrote Agrados (Immunology)
 - Miguel Ángel de la Fuente García (Cellular Biology)
- **SOCIAL SCIENCES AND LAW:**
 - María del Valle Santos Álvarez (Company Organisation)
 - Patricia Tapia Ballesteros (Criminal Law)
- **ARTS AND HUMANITIES:**
 - Mauricio Herrero Jiménez (Historiographical Sciences & Techniques)
 - Basilio Calderón Calderón (Human Geography)
- **ENGINEERING AND ARCHITECTURE:**
 - Manuel Gómez Pallarés (Food Technology)
 - Juan García Serna (Chemical Engineering)
 - Josefina González Cubero (Theory of Architecture & Architectural Projects)



ANNEX D

INFORMATION CONCERNING THE TREATMENT OF DATA OF A PERSONAL NATURE

2019 call for predoctoral contracts of the University of Valladolid, co-financed by the Banco Santander.

1. Entity responsible for the treatment

University of Valladolid

CIF: Q4718001C

Address: Plaza del Colegio de Santa Cruz, 8 - 47002 Valladolid

Entity responsible for privacy: responsable.privacidad@uva.es

Delegate responsible for data protection: delegado.protección.datos@uva.es

2. Delegate responsible for data protection

The professional supervising compliance with the protection of personal data by the University of Valladolid.

To contact, please write to: delegado.proteccion.datos@uva.es

3. Purposes for which personal information is used

The data is used in the administrative management and processing of the grants conceded through this call.

4. Legal basis for the treatment

The University of Valladolid is an institution that provides a public service in higher education through research, teaching and study, in accordance with the provisions of article 1 of the Organic Law 6/2001, dated 21st December, concerning Universities (LOU).

Encouraging scientific research and technological development will correspond, in the university field, to the General Administration of the State and to the Autonomous Communities, in accordance with the applicable legislation, without prejudice to the development of the universities' own programmes.

The RESOLUTION dated 12th December 2007, by the Rector of the University of Valladolid, agreeing to the publication of the modification of the Regulating Bases for Research Grants of the University of Valladolid, approved in the Permanent Commission of the Governing Board, in its session of 12th December 2007, fomenting the training and mobility of the teaching and research personnel.

Similarly, the official publication of personal information in the National Grants Database, in bulletins and/or official announcement boards, and in the transparency web portal of the University of Valladolid, is based on:

- Law 39/2015, dated 1st October, on the Common Administrative Procedure of the Public Administrations.



- Law 19/2013, dated 9th December, on transparency, access to public information and good government.
- Law 3/2015, dated 4th March, on Transparency and Citizen Participation in Castile & León.
- Law 38/2003, dated 17th November, General Grants.

5. Mandatory Release of data

The successful candidates will be published in the official announcements board of the website of the University of Valladolid.

6. Period of conservation of the data

The personal data provided will be conserved in accordance with the following criteria:

- For the period necessary for lodging any administrative or judicial appeals that may take place.
- The University of Valladolid is a public institution subject to obligations of the Law 16/1985, dated 25th June, on the Spanish Historical Heritage and the Law 6/1991, dated 19th April, on Archives and the Documental Heritage of Castile & León and, thus, may conserve the information to be determined due to archival reasons in the public interest.

7. Rights of the interested parties

In order to be able to maintain, at all times, control over their personal data, the interested parties may exercise their right of access, rectification, suppression, portability, limitation or opposition to the treatment through the presentation of a written request to the Registrar of the University of Valladolid or by post to:

The person responsible for privacy.

Plaza del Colegio de Santa Cruz, 8 - 47002 Valladolid

They must provide supporting documentation:

- Identity of the interested party by means of any valid document, such as passport or identity card.
- First name and surnames of the interested party or, when necessary, of the person representing the interested party, as well as the document supporting the nature of the representation.
- Petition specifying the nature of the request.
- The address for sending notifications to, the applicant's signature and the date.
- Documents supporting the formulated petition, if necessary.
- In the case of rectification or cancellation, an indication of the information to be rectified or cancelled and the justification for said rectification or cancellation.

8. Competent authority for the presentation of appeals.

Should a candidate wish to present an appeal or obtain additional information concerning the regulations about the treatment of personal data in Spain, the competent authority is the Spanish Data Protection Agency (Agencia Española de Protección de Datos: Jorge Juan, 6 28001-Madrid).