



Extraordinary Call for postdoctoral research fellowships at the UOC associated with the research centers and the various UOC Studies

The Research and Innovation Commission, in the session of January 31, 2017, has agreed upon this extraordinary call for postdoctoral research fellowships 2016, with the following CONDITIONS:

- The program of postdoctoral research fellowships, UOC 2016, has as its objective the recognition of new researchers within existing UOC research groups. The new personnel will make it possible to expand the research teams of UOC research groups, as well as improve the quality and competitiveness of the R&I being carried out.
- The program complements UOC grant programs for doctoral theses. Furthermore, this program also complements other programs offering pre-doctoral and postdoctoral research fellowships and contracts, such as those of the Spanish Ministry of Education and Science and of the Generalitat of Catalunya, with the added incentive that they are designed in consideration of the diversity and potential of the various existing research groups within our university.
- The awarding of these grants will be carried out in function of certain indicators demonstrating the scope and productivity of the various research areas of the UOC.
- The program convokes one postdoctoral grant.
- This program is financed by the Fundació per a la Universitat Oberta de Catalunya (Foundation for the Universitat Oberta de Catalunya, FUOC).

1. Aim of the call for applications

The aim of the scholarship programme is to promote stays in the Universitat Oberta de Catalunya for teaching and research doctors in any of the fields of work in the University, as well as the research centers. Is offered a vacant position in the Internet Computing & System Optimization (ICSO) research group, assigned to the Internet Interdisciplinary Institute.

The existence and scope of this aid will depend on the existence and availability of sufficient monetary resources and will amount to a maximum of 94,000 euros until May 31, 2019.



2. Programme structure

The program of postdoctoral research fellowships is set out in the terms of Law 14/2011, for Science, Technology and Innovation.

In agreement with Article 22 of Law 14/2011, for Science, Technology and Innovation, the beneficiaries of the program will receive an employment contract providing access to the Spanish System of Science, Technology and Innovation, for the term of one year. The maximum length of the contract, including all prorogues, will be until May 31, 2019. Any extension will depend on the presentation of a request for extension one month before the end of the first year, together with a report on the research carried out, results obtained and a work plan for the second year. This request must contain an approval granted by the researcher in charge of the research group the candidate has joined.

Contract renewal will require a favourable report from the Research and Innovation Commission, which will evaluate the fulfillment of the research objectives as agreed upon by the beneficiary of the grant, and in the time period foreseen.

Obtaining the stay and developing the contract will not imply any obligation on the part of the University to subsequently incorporate the beneficiary as a member of the teaching staff of the UOC.

3. Nature and Conditions of the Grants

The status of research personnel with a postdoctoral contract with the UOC is full-time, and is thus incompatible with other contractual and statutory commitments that may limit the exclusivity of the dedication to research as stipulated. However, the Research Commission has the authority to evaluate requests to take on teaching responsibilities (teaching courses, giving lectures, making presentations, and so on), as well as R&I activity or R&I contracted activity, associated directly with the research activity being carried out by the postdoctoral researcher. These activities cannot exceed 100 hours a year.

In case this teaching activity or the collaborative and contractual R&I activity involves economic compensation, its total cannot exceed more than 30% of the annual gross total of the contract.

If the teaching activity is done at the UOC, the postdoctoral researcher carrying it out will not receive economic compensation over and beyond the total of the economic grant indicated in the contract.

The postdoctoral research fellow will carry out the research activity in the UOC building corresponding to the given area of R&I.

The postdoctoral contract will begin once the call grant closed and when the candidate has delivered all the documentation required for the labor contract.

In order to be able to activate the postdoctoral contract all benefiting personnel are required to send the following documentation to the UOC Human Resources



Department: a certificate of residence in the State of Spain; an up to date DNI/NIE (official ID number); a social security number; a bank account number; an officialised photocopy of the official doctoral degree; and, in the case of non-EU foreigners, the work permit allowing for the employment contract.

The beneficiary will expressly authorize the UOC to make appropriate use of the reports and documents presented to request the grant or justify the task carried out, excluding their publication, in order to carry out any corresponding administrative task to be done with those people or organizations in a position to totally or partially finance the grant awarded.

4. Requirements

The beneficiary of this program may be any researcher who has obtained a doctoral degree after January 1, 2009, and before the deadline for submitting applications. Beneficiaries may include those who have obtained their doctoral degree after January 1, 2007, only if before the period of acceptance of the grant it can be demonstrated that the researcher in question has been on maternity leave, has been responsible for children under the age of six, or has been taking care of individuals with special needs of a physical, psychological or sensorial nature, or of a person or persons over the age of sixty-five years old, dependent upon the beneficiary and requiring special care.

Individuals with a doctoral degree from the UOC may also be beneficiaries of these grants if they fulfill the previously indicated requirements and are able to demonstrate they have had a postdoctoral fellowship at other universities or research centres for a period of at least two years.

Under no circumstances will the beneficiaries have been hired either under a labour or commercial contract by the UOC in the two years immediately preceding the date of publication of this scholarship programme.

The candidate must have knowledge regarding the research line in Metaheuristics & Simheuristics in Smart City Logistics and Analytics, focused on developing research in the area of Operations Research / Computer Science methods (e.g., metaheuristics, simheuristics, learnheuristics, analytics, etc.) applied to the fields of Logistics & Transportation, Supply Chain Management, Finance, Telecommunication Systems, Computer Networks, Healthcare Systems, etc. The candidate needs to have: (i) a PhD in OR, CS, Industrial Engineering, Data Science, or any related field; (ii) solid programming skills (preferably in Java or Python); (iii) advanced level of English (e.g., TOEFL); (iv) promising background in journal publications; (v) good communication skills; and (vi) ability to work as a member of a research team. Among the documents to submit, we encourage the candidate to include his CV, a motivation letter, his/her two most relevant publications (if any), his/her record of scores (BSc, MSc, and PhD), and one or two letters of recommendation.



5. Rights of Hired Research Personnel

- The right to obtain from the UOC all necessary support in the pursuit of the research activity.
- The right to use all UOC services and to participate in any of its activities, in line with internal regulations.
- The right to respond to UOC calls offering internal aid.
- Exercise the intellectual property rights deriving from their own research training activities, depending on their contribution, as established by the revised text of the Intellectual Property Act approved by Royal Legislative Decree 1/1996 of 12 April 1996.
- Receive the funding described in the "Provision and Method of Payment" section of this document.
- The right to renew the benefits of the contract in case it is interrupted for reasons of force majeure, as long as budgetary allowances so permit.
- The right to carry out activity in teaching, collaborative or hired R&I activity, always with previous approval of the Research and Innovation Commission, and in agreement with the requirements stipulated in this call.
- Make research visits to other centres. In each case, the Research and Innovation Commission will decide the appropriateness of other fellowships, and whether they imply the temporary suspension of the contract, with the corresponding pause in its economic compensation.
- In the case of maternity leave or leave for fostering or adoption (whether pre- or permanent adoption of children under the age of six), be entitled to the legally established benefits.
- Both during the period of interruption of the contract and during its renewal, 100% of the corresponding economic grant will be upheld. The period of renewal of the approved interruption cannot be prolonged for more than sixteen weeks beyond the end date of the hiring period.
- The working week is calculated as full time and consists of 38.5 hours. This is in agreement with the Regulatory Norm of the procedure regulating the hiring of postdoctoral researchers on the part of the UOC.

6. Responsibilities of Hired Research Personnel

- The responsibility to request, if necessary and in function to the nationality of the beneficiary, the corresponding work permits allowing for employment in the terms set out by current legislation and in line with the calendar established in Section 3 of this call.
- The responsibility to carry out the research in line with the criteria set out by the Research and Innovation Commission and the coordinator of the research group, or of the UOC researcher adhered to.
- The responsibility to carry out habitual research in the research headquarters of the UOC, without limiting temporary stays in other institutions of higher education or research centres in carrying out this activity, along with travel involved in field research, and in the promotion of said research.



- The responsibility to clearly set out the corresponding affiliation with the University in the written documents derived from the research carried out, with the phrase "With the support of a UOC postdoctoral fellowship".
- The responsibility to attend and participate in research seminars, workshops and other activities organized by the UOC for research personnel, as well as initiatives organized by or made possible by the UOC, with the goal of improving researchers' education or promoting their integration into the university community within the host country.
- The responsibility to integrate into the academic community of the UOC university community in general, and to participate in the spirit of academic collaboration.
- The responsibility to communicate to the UOC the reception of any other grant or similar aid obtained, as well as any interruption of activity caused by force majeure.
- The responsibility to accept the aid the UOC might obtain from other individuals or organizations, so as to totally or partially substitute the grant awarded, as long as this substitution does not represent an economic loss to the beneficiary.
- The responsibility to request permission from the Research and Innovation Commission to carry out research stages in other centres.
- Incorporating the data of their scientific activity into the GIR and, as permitted by the restrictions of intellectual property rights, depositing it in the O2.
- Holding the ORCID (open researcher and contributor ID)
- Notify the management of maternity leave or leave to adopt or foster children under the age of six.
- Accept any obligations incumbent upon him/her as a result of being covered by the Social Security system.
- The responsibility to adhere to the internal regulations of the UOC, especially those related to labour conditions and norms related to work safety.
- Adopt an attitude and conduct commensurate with the values of a culture of peace and democracy.
- Respect the ethical implications of the research activity being carried out.
- Comply with the Regulations of rights and duties of the UOC, electronic mail usage policy, ethical code, the organisation and functioning regulations, as well as all rules and regulations approved and applicable during their stay at the UOC.
- Adhere to the conditions and obligations set forth in this document.

In case of failure to fulfill these responsibilities, the UOC Research and Innovation Commission reserves the right to revoke the postdoctoral fellowship.

7. Documentation to be presented

The period of presentation of solicitudes and of the required accompanying documentation will be from February 1 to February 15, 2017.

Candidates are required to fill in the grant form and, once signed, to send it in digital format to the following email address: osrt@uoc.edu. The following documents must be attached with the email solicitude:

- Identity card or passport.



- Curriculum Vitae.
- A copy of the official doctoral degree.
- Cover letter
- A brief report on the research project to be carried out.
- Applicants will enclose a letter of acceptance from the research group Internet Computing & System Optimization (ICSO), identifying the researcher responsible for the stay from the teaching and research personnel (PDI) of the University.
- 2 letters of reference

The solicitude will be considered complete once the candidate receives the mailed confirmation of the accepted request.

8. Selection

The selection of candidates will be carried out by the Research and Innovation Commission. To assess the applications, the Commission will take into account the following criteria:

- 60% of the total evaluation (6 points) will be based on the Curriculum Vitae and the research experience of the candidate.
- 40% (4 points), according to the scientific-technical quality of the proposal and its correspondence with the ICSO research group strategic lines of research. Proposals will be addressed to one of the research fields of the UOC, as well as one of their research groups.
 - Systems Optimization for a Smarter World
 - Internet Computing & Collaboration Systems

The resolution of the selection of candidates considered for a grant will be made public from February 27, 2017. The notification will be done by means of an email sent to the email address indicated on the solicitude, and with the publication of the resolution on the UOC Research web. In a maximum of ten days after the resolution the beneficiary must proceed to formally accept the grant by means of a standardized document and the presentation of the corresponding documentation.

If those benefiting from the grant have not presented their acceptance documentation during the prescribed period as indicated in the previous section, it will be understood that they have renounced the grant.

9. Grant amount and form of payment

Awarding of the grant implies the formalization of a postdoctoral employment contract of one year, for a total of up to 30,000 Euros gross a year, taxable according to current legislation. The quantity will be paid in twelve monthly instalments by means of a bank transfer to the bank account provided by the beneficiary.

The beneficiary will benefit from all labour rights and those related to Social Security as derived from the contract signed with the FUOC.



10. Formalisation of the contract

To formalise the contract, the beneficiary will present the following documents to the Human Resources Department of the UOC, at least 7 working days before the planned date of incorporation:

- A copy of your ID card (DNI/NIE)
- A copy of the official doctoral degree.
- A photocopy of the Social Security number (If they do not have this number, it must be requested from any office of the General Treasury of the Social Security).
- Bank details
- In the case of non-EU foreigners, the work permit allowing for the employment contract. People who do not have this document can contact the Research and Transfer Support Office (OSRT) via the following e-mail address: osrt@uoc.edu for information regarding the procedure and documentation needed.

11. Revocation of the Contract

The inability to fulfill any of the obligations set out in Point 6 of this call could bring about the revocation of the employment contract.

12. Data protection

All data supplied by the candidates will be archived in a file of the Universitat Oberta de Catalunya, with the goal of managing the process leading to the granting of these fellowships.

In accord with what is set out in Constitutional Law 15/1999, from December 13, concerning personal data protection, all persons interested can exercise their right to access, rectify and cancel their data before the General Secretary of the Universitat Oberta de Catalunya.

Barcelona, January 31, 2017

Marta Aymerich
The President

Mireia Riera
The Secretary