19/07/2021

Postdoctoral research grants — R&D activities to be carried out by PhDs (1 position) BIPD/UTAD/6/2021

Where to apply

Application Deadline: 11/08/2021 23:00 - Europe/London

Contact Details

Where to send your application.

COMPANY   University of Trás-os-Montes and Alto Douro

WEBSITE
https://www.campus.utad.pt/bolsasinvestigacao/lista

Hiring/Funding Organisation/Institute

ORGANISATION/COMPANY
University of Trás-os-Montes and Alto Douro

COUNTRY
Portugal

DEPARTMENT
Research Support Office

CITY
Vila Real

ORGANISATION TYPE
Higher Education Institute

STATE/PROVINCE
Trás-os-Montes e Alto Douro

WEBSITE
http://www.utad.pt

POSTAL CODE
5001-801

E-MAIL
bolsasInvestigacao@utad.pt

STREET
Quinta de Prados

ORGANISATION/COMPANY
University of Trás-os-Montes and Alto Douro

LOCATION
Portugal › Vila Real

RESEARCH FIELD
Other

TYPE OF CONTRACT
Temporary

RESEARCHER PROFILE
Recognised Researcher (R2)

JOB STATUS
Full-time

APPLICATION DEADLINE

HOURS PER WEEK

11/08/2021 23:00 - Europe/London   35

OFFER STARTING DATE I agree   Give me more info

13/09/2021

OFFER DESCRIPTION

Reference: BIPD/UTAD/6/2021

The University of Trás-os-Montes and Alto Douro (UTAD) opens a call for one (1) Research Grant for PhDs, in Behaviour Sciences, in the frame of the R&D unit Center for Transdisciplinary Studies for Development, funded by UIDP/04011/2020, under the following conditions:

Scientific area:

Behaviour Sciences

Admission requirements:

The candidate must hold a PhD degree (completed within the last three years) in Behaviour Sciences or a related field and must have demonstrable skills in designing and estimating behaviour and decision-making models through the gathering or the mobilisation of large-scale data sets on individual intention and willingness towards sustainable choices*.

Required skills include:

> Advanced knowledge of economic and socio-psychological theories and models explaining individuals decision-making processes

Experience with large-scale datasets modelling and estimating with SEM and advanced knowledge on the application of software's such as PLS, Stata, and others*.

Ability to design, implement and monitor large-scale surveys, and to create, manage and mining data of resulting databases

Advanced understanding of designing and estimating hybrid models, combining SEM with choice modelling econometric approach

Fluency in both written and spoken English

Ability to develop high impact academic work, proofed by previous publications in relevant journals

Soft skills such as motivated self-starter and results oriented, strong attention to detail, and team building

Experience and openness towards interdisciplinary research and social sciences approaches

Ambition to learn and develop new models and approaches to understand and enhance actor's decision-making towards sustainable and fair choices.

The post-doctoral research is carried out in a host entity (CETRAD) different from the entity where the research work leading to the award of the doctoral degree was carried out*

Work plan:

We offer a 28-months postdoctoral position to work in the development of the DATA4LOWDENSity COLab, a smart living lab aiming at co-creating place-based territorial intelligence to support low-density territories' smart sustainable transitions. This lab is being developed by the CETRAD (Centre for Transdisciplinary Development Studies), based at the UTAD (University of Trás-os-Montes e Alto Douro) in Vila

Real, Portugal, together with other partners, including I&D and territory entities. DATA4LOWDENSity COLab will develop an innovative approach to create territorial intelligence supportive of best-fitted and place-tailored smart sustainable development agendas directly integrating citizens in its conception and oriented to rise up people place-based wellbeing. By extracting insightful understanding from big data and citizens' subjective thought, place-based territorial intelligence will show helpful to support planning, policy design, and decision-making in the low density territories, comprising rural areas and small and medium-sized cities. Its mission is the creation of usable data-driven knowledge enabling the disclosure of hidden territorial micro and mesoscale patterns, dynamics, and trends that reach beyond the lens of the "region" contributing for the development of mission-oriented policies focused on the rise of the people and places' well-being and to reverse territorial exclusion and social (and political) discontentment.

Key responsibilities and main tasks

The postdoctoral research fellow will lead the data collection and analysis to support co-creation of place-based territorial intelligence, including: a) mapping macro-trends of food consumers and tourists relevant to the low density territories; b) identifying the key variables, and how they interact, to know what is the individual's (citizens, managers, politicians, among other) understanding on fair green and digital transitions and on how their behaviour and choices influence it. Postdoctoral research fellow will be supported by his/her senior researchers supervisors and integrate the DATA4LOWDENSity COLab core team, comprising a total of 3 postdoctoral research fellows and one PhD student fully dedicated, contributed by a group of senior researchers of the CETRAD, and encompassing a group of PhD students developing their PhD thesis lined up with the Colab goals. His/her main tasks comprise:

Identifying large-scale data-set that can be mobilised and extract from it relevant insights for territorial intelligence, namely regarding the opportunities, risk and threats shaped by global and European-level societal challenges, market dynamics and investment flows.

Designing, implementing and monitoring qualitative and quantitative surveys to gather an in-depth understanding of local citizen and stakeholders on what fair and sustainable transition mean and how they can be part of it

Designing, implementing and monitoring qualitative and quantitative surveys to gather a good understanding of how relevant actors, including general citizen, envisage the role and contribution of the "places" and specific territories to the achievement of fair and sustainable transitions at national and global levels, and which are the main factors and reasoning's underlying their visions.

Creating databases and conducting extensive data modelling and analysis, contributing to the "smart lab" in close articulation with the "living lab" component of the DATA4LOWDENsity COLab

Contributing to the developing of visualised data-driven scenarios showing foreseen futures (in next 20, 30 and 50 years) for the landscape (e.g., land use patterns and trends), the urban system (e.g., patterns and trends regarding demographics, infrastructures, access to public services, mobility and territorial interactions), the territory economy (e.g., patterns and trends in agrifood value chains, tourism, health and wellbeing, business models, integration in global flows, migrants, newcomers, etc.).

Leading and participating in the writing of scientific papers

Co-leading the DATA4LOWDENsity COLab communication, interaction and dissemination activities

Applicable legislation and regulations:

Law N.º 40/2004, of 18 August (Statute of Scientific Research Fellow), amended by DL 123/2019 of 28 August; FCT, IP Research Grant Regulation, approved by Regulation N.º 234/2012, published in the II Series of the Diário da República of June 25, 2012, amended and republished by Regulation No. 326/2013, published in the II Series of the Diário da Republic of July 27, 2013, amended by Regulation No. 339/2015, published in the II Series of the Diário da República of June 17, 2015 and Law No. 71/2018 (State Budget Law for 2019) and by Regulation No. 950/2019, published in the II Series of the Diário da República of December 16, 2019, and the Regulation of Research Grants of the University of Trás-os-Montes and Alto Douro - Dispatch RT.36/2011, of July 6, of Mr. Rector, published in Diário da República by Order No. 9157/2011 (II Series), of July 19 in its current wording.

Workplace:

The work will be developed at the CETRAD (Centre for Transdisiciplinary Develpment Studies) at the University of Trás-os-Montes and Alto Douro, under the scientific guidance of Professor Doctor Carla Suzana Da Encarnação Marques, co-supervised by Professor Doctor Livia Maria Costa Madureira and Carlos Duarte Coelho Peixeira Marques.

Duration of scholarship:

The fellowship will last for 28 months, starting in September 2021. The scholarship contract may be renewed, and the total duration may not exceed 28 months.

Monthly maintenance allowance amount:

The scholarship amount corresponds to €1646, according to the table of scholarships awarded directly by the FCT, I.P. in the country (https://www.fct.pt/apoios/bolsas/valores). The period of payment of the scholarship is monthly and through bank deposit, check or another equivalent method.

Selection Methods:

The selection methods to be used will be the following: Motivation Letter, Knowledge and demonstrable experience in the application and estimation of (behavioral and economic) decision-making models, published scientific articles (relevance, number and quality, IF or citescore) and Interview (only accessible to the 3 candidates who obtain the highest scores in the sum of the 3 criteria, with the respective valuation of 10%, 30%, 40% and 20%.

Composition of the Selection Jury:

President - Carla Suzana Da Encarnação Marques

Member - Livia Maria Costa Madureira

Member – Carlos Duarte Coelho Peixeira Marques

Form of advertising/notification of results:

The final results of the evaluation will be publicized through a ranked list posted on the UTAD Campus Online Page (http://www.campus.utad.pt/bolsasinvestigacao/candidaturas), with the candidate being approved notified via email.

If the decision to be taken is unfavourable to the granting of the requested scholarship, the candidates have a period of 10 working days, after the aforementioned disclosure, to express their opinion, if desired, in a prior hearing, under the terms provided for in the Code of Administrative Procedure.

Application deadline and form of submission of applications:

The tender is open from 29-07-2021 to 11-08-2021

Applications must be formalized, obligatorily, by sending an application form accompanied by the following documents: Curriculum Vitae [proving the above-mentioned requirements]; Indication of the following data: citizen card number, tax identification number – TIN, date of birth, mobile phone number and email address; motivation letter; declaration of honour (to be requested by email to bolsasinvestigacao@utad.pt) and documentary evidence of the requested requirements.

The application must be made through the UTAD Campus Online Page, in the Research Grants section, following the instructions:

• Access the UTAD Campus Online Page: www.campus.utad.pt and select the Research Grants option. Or go directly to www.campus.utad.pt/bolsasinvestigacao/lista .

• Select the scholarship you intend to apply for.

• When selecting the "Apply" option, you will be redirected to the application page where you must complete and submit the respective form.
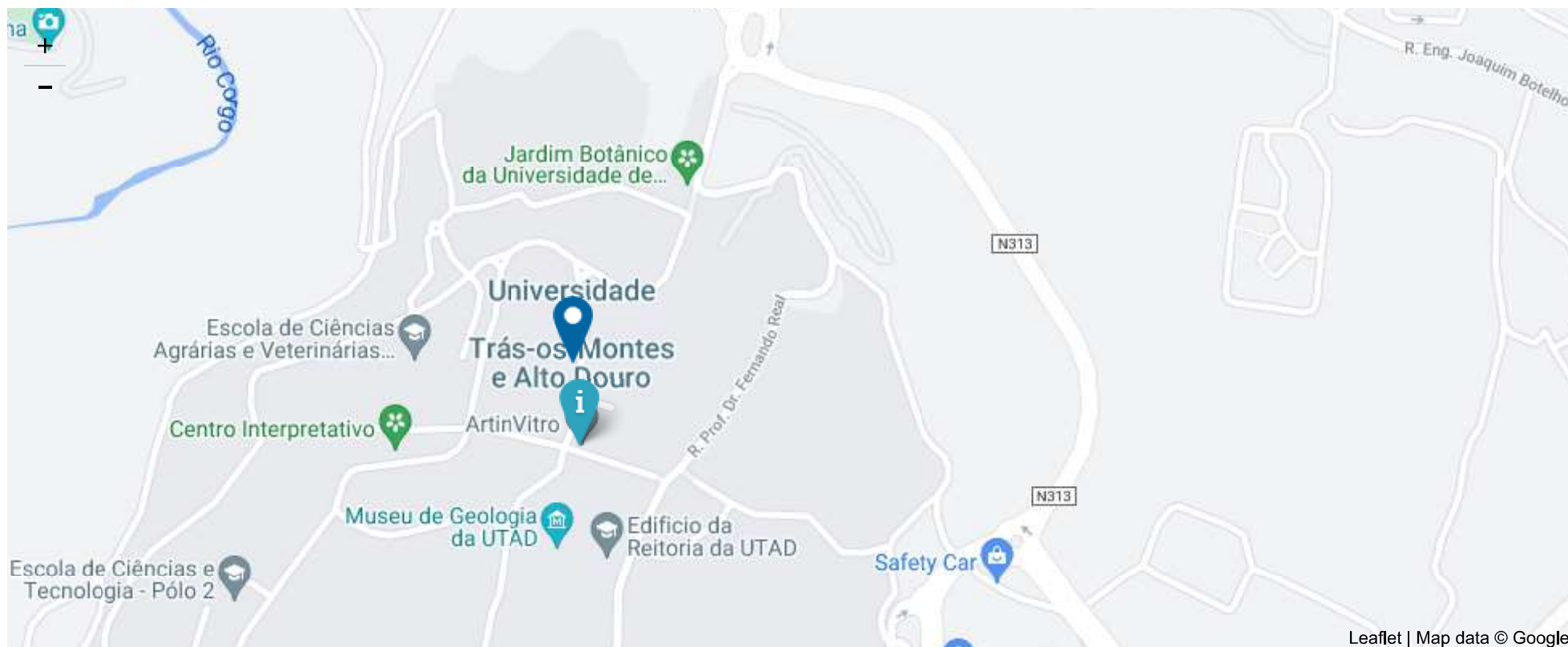
Equality of opportunities:

The candidate has the right to equal opportunities and treatment, and may not be privileged, benefited, prejudiced, deprived of any right or exempt from any duty due, in particular, to ancestry, age, sex, sexual orientation, marital status, family situation, economic situation, education, origin or social condition, genetic heritage, reduced work capacity, disability, chronic illness, nationality, ethnic origin or race,

territory of origin, language, religion, political or ideological convictions and union membership.

More Information

Map Information

Leaflet | Map data © Google

Job Work Location   Personal Assistance locations

WORK LOCATION(S)

1 position(s) available at
University of Trás-os-Montes and Alto
Douro
Portugal
Trás-os-Montes e Alto Douro

Vila Real

5001-801

Quinta de Prados

EURAXESS offer ID: 665786

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