

COURTESY TRANSLATION
ANY LITIGATION SHOULD REFER TO THE ITALIAN TEXT

CALL FOR # 1 POSTDOC FELLOWSHIP ACCORDING TO UNIVERSITY REGULATION ON RESEARCH FELLOWSHIP and ART. 22 ITALIAN LAW December 30TH, 2010, # 240; TYPE A), REF #: UNIVDA/SEP/03/2013.

Article 1 – Purpose

The Department of Economics and Policies invites applications for a 12 month postdoc fellowship. Candidates will be evaluated on the basis of a research project on the field described at article 2 as well as of their scientific background and publications.

Scientific Area: 13/D4

Mathematical Methods for Economics, Actuarial and Financial Science

Following the form in Annex 2, the successful candidate will submit a 12 months' research project in the field of Applied Mathematics. Details on the topics to be addressed can be found in art. 2.

fellowship: 12 months

Art. 2 – Call for applications and research topics.

1. Profile of the applicants and call for proposal:

The successful candidate must have a PhD in any field of Mathematics or Applied Mathematics. Candidates with a PhD in Economics or Finance will be also considered, according to their quantitative background. An outstanding research program and a demonstrated potential for excellence in research are required. Publications and PhD thesis in any field related to the research program will be evaluated. She or he will likely have had successful postdoctoral experience, testified by no less than two presentation letters by researchers in fields related to the topics of the research program.

The research program must address topics related to the optimization of set-valued functions in conlinear spaces, as introduced in seminal papers by A. Hamel, A. Lhonen e F. Heyde. The successful candidate will propose activities related to differentiability of set-valued functions in conlinear spaces, variational inequalities and applications to vector optimization. The research program will be completed by a careful description of the state of the art of the research in the field and an updated reference list.

Knowledge of applications of set-optimization to finance and economics will be positively evaluated. Proposals for research in the field of applications are also welcome.

2. Keywords:

Set-optimization, variational inequalities, vector optimization, generalized convexity, abstract convexity, risk measures.

3. Expected results:

Article 3 – Requirements

1. Applications are open both to EU and non-EU citizens holding a doctoral degree (Italian “Dottorato di Ricerca” or equivalent Ph.D. degree) and scientific-professional curriculum suitable to conduct research activities relating to the programs indicated at Article 2 above.
2. Candidates holding degrees earned abroad (PhD or specialty health area) must send together with the application form the degrees translated by an official translator into Italian and certified by the Authorities of the country releasing the degree (unless exempted according to International Agreements). Each degree must be brought with “Declaration of local value” released by Italian Diplomatic Office (Embassy or Consulate) in the country where the degree was earned.

In case the degree was already declared equivalent, the candidate must enclose the related documents. Otherwise, candidates must submit a request for equivalence of qualifications obtained abroad pursuant to art. 38 of Legislative Decree no. 165 of 2001. Candidates may be admitted conditionally to the selection procedure by producing only a copy of the request issued. Anyway, candidates must produce the declaration of equivalence prior to the adoption of the final decree of approval of the acts of the procedure in question.

For information about the procedure of recognition and the documentation needed, candidates may contact the ministerial authority’s office:

Ministero dell’Istruzione, Università e Ricerca (MIUR)
Direzione Generale per l’Università - Uff. IX
P.le Kennedy, 20 - I - 00144 Roma
tel. +39-06-97727450
fax Uff. IX: +39-06-9772.7242.

<http://www.istruzione.it/web/universita/equipollenza-dottorato-estero>

3. Candidates are required to certify:
 - a. They are physically fit to perform the proposed activity;
 - b. (for Italian citizens) they have been discharged from military service without dishonor or to be exempt from military service.
4. In compliance with the legislation in force, the following individuals are forbidden to apply for the position:
 - a. officials of the University, institutions and public bodies of research and experimentation, the National Agency for New Technologies, Energy and sustainable economic development (ENEA), the Italian space agency (ASI), as well as the institutions whose degree of scientific specialization was recognized equipollent to the title of Doctor of Philosophy in accordance with art. 74, fourth paragraph, of Presidential Decree of 11 July 1980, no. 382;
 - b. those who have a degree of consanguinity or affinity up to the fourth degree, a professor of the Department that requires activation of the check or with the Rector, the General Director or Managing Director, or a component of the University Council.
5. Previous requirements must hold at the deadline for applications.

Article 4 – Applications and deadline

1. Applications, written in English or Italian, on plain paper and according to Annex 1 (posted on the website www.univda.it - section notices, warnings, on MIUR’s website and on the website of the European Union), must be submitted to Direzione Generale di Ateneo, Ufficio Protocollo, Pubblicazione e Archivio (open to the public: Monday to Friday from 10.30 to 12.00 and from 14.30 to 16.00), Strada Cappuccini n. 2A, 11100 Aosta (IT). Ap-

plications must be received by 12.00 pm on Monday August, 26th 2013. No delay is admitted. Candidates will stamp on the envelope the words "Postdoc Fellowship: UNIVDA/SEP/03/2013." Applications in English are encouraged.

2. Submission by certified e-mail (protocollo@pec.univda.it) are admitted. The deadline is the same as for physical submissions.
3. Applications must be filled in according to the annexed form, in Italian or English. Candidates must clearly declare name and surname, date and place of birth, social security number and residence, as well as:
 - a. the fellowship reference number
 - b. the scientific area;
 - c. the possession a doctoral degree (Ph.D.) with clear reference to the date of achievement and the University where it has been achieved. Candidates in possession of a foreigner degree must eventually declare whether it has been declared equivalent to the Italian title, according to the legislation in force;
 - d. his/her nationality;
 - e. physically fitness for the post;
 - f. whether candidate have benefited of a grant for his/hers Ph.D.;
 - g. any previous research grant awarded pursuant to art. 22 of Law no. 240/2010;
 - h. any previous contract pursuant to art. 24 of Law no. 240/2010;
 - i. to be aware that the position is not compatible with the positions described at art. 11, except provisions of University Regulation on Research fellowships.
4. The University takes no responsibility in the event of unavailability of the recipient and for the loss of communications due to incorrect address provided by the candidate or failure or late notification of change of address indicated in the application, nor for any postal or telegraph or otherwise attrib-utable to third parties, unforeseeable circumstances or force majeure.
5. Applications without applicant's signature or received, for whatever reason, including force majeure, at the University after the deadline mentioned above are discarded.
6. Applications have to include:
 - a. applicant's scientific and professional curriculum, undersigned in the original, explicitly including degree title, title of Ph.D. dissertation and a detailed description of any academic qualification obtained (such as prizes, fellowships...). Documents should include the declaration made under DPR 445/2000 and subsequent amendments and integrations, that all data are truly exposed, in compliance with Legislative Decree no. 196/2003.
 - b. no less than two presentation letters from scholars in the research area of the project;
 - c. the list of scientific publications;
 - d. a research project according to the topics stated at article 2, written in Italian or English, prepared according to the Annex;
 - e. declaration of absence of kinship and affinity up to the fourth degree, with a professor of the Department or the Department making the call with the Rector, the General Manager or a member of the Board of Governors.
7. Applicants must prove possession of the qualifications (excluding publications) by the statements referred to in DPR 445/2000.
8. Above provisions apply to citizens of the European Union. Citizens of non-EU countries regularly residing in Italy, they can use the affidavits provided for in Presidential Decree 445/2000 only for the states, personal qualities and facts certifiable or ascertainable by Italian public entities, subject to the special provisions contained in the laws and regulations governing immigration and the status of aliens.
9. Outside of the cases referred to in the preceding paragraph citizens of non-EU authorized stay in the territory of the State may use the said affidavits in cases where the production

of the same stems from the application of international conventions between Italy and the country of origin of the registrant.

10. The curriculum vitae, list of publications, the research project and the statement concerning the absence of consanguinity or affinity must be delivered or sent by post together with the application by the deadline and the address above, under penalty of inadmissibility. Submission by certified mail is allowed.
11. The University reserves the right to conduct random checks on the veracity of the declared by the candidates in the applications and in the curriculum reserving also a chance to re-apply for the originals of the publications listed in the application. Where the checks reveal that the above is not the truthfulness of the declaration, the declarant shall forfeit any benefits resulting from the measure adopted on the basis of false declarations, except as provided by the Penal Code and special laws on the subject.
12. Applications not accompanied by the research project will be rejected.
13. Candidates are eligible for selection after the adoption of a special decree of the Head of the Department, after the deadline for the submission of applications.

Article 5 - Board of Examiners

1. Applicants will be evaluated by a special Board of examiners appointed by the Head of Department.
2. The board consists of three members, one of whom will act as President, and one with the function of secretary.

Article 6 - Selection Procedure

1. The selection is done through evaluation of the research project, prepared in the format available in the web pages of this University (http://www.univda.it/calls_applications_notices_tenders), integrated by the scientific and professional qualifications of the aspirants, curriculum vitae et studio rum and of scientific production.
2. In addition to publications, are assessable academic qualifications and certificates of attendance of post-graduate courses, achieved both in Italy and abroad, conducting documented research at public and private contracts, grants or assignments both in Italy and abroad.
3. In case of a tie, the younger candidate will be preferred.

Article 7 – Grading and selection rules

1. For the formation of the ranking and the subsequent identification of the winner, the board of examiner has a total of 100 points, in accordance with the current Regulations for research fellowship:
 - a. **40 points for the research project presented by the candidates, as follows:**
 - up to 20 points for the relevance of the project with the themes set out in Article. 2;
 - up to 15 points for the innovativeness of the proposed research with respect to the state of the art and the expected objectives;
 - up to 5 points for the completeness of the recommended bibliography.
 - b. **60 points for publications and qualifications, as follows:**
 - up to 20 points for the doctoral degree;
 - up to 20 points for scientific publications;
 - up to 20 points for curriculum vitae and studiorum, presentation letters and other academic qualifications.
2. Only candidates who have obtained at least 21 points evaluation of the research project are admitted to publications and qualifications;
3. Candidates with no less than 60/100 will be included in the pass-list.

4. At the end of the procedure referred to in Article. 6, the board of examiner will prepare a brief relation the judgments assigned to each project and to each candidate and will form the list.
5. Administrative acts of the evaluation procedure, including the final list, will be approved by Decree of the Head of the Department.
6. The final list will be published on the website www.univda.it - section band, warnings, and procurement, as well as posted on the online notice board.
7. The list can be used in the order in which it is formulated, in case of cancellation, or non-acceptance by the property under the terms of the assignee or early termination of the collaboration to research activities.

Article 8 - Appointment of the fellowship

1. The successful candidate will receive specific notice with an indication of the date on which he or she must be present at the University for the subscription of the contract and the beginning of the fellowship.
2. In order to get the position, the candidate will be required to provide the following certificates:
 - a. self-certification date and place of birth;
 - b. medical certificate attesting to the physical fitness of the research activity;
 - c. affidavit that he/she is not in any of the incompatibility situations described by article 9 of the "Regulations for the awarding of research grants pursuant to art. 22 of the Law of 30 December 2010, n. 240 University of Valle d'Aosta - Université de la Vallée d'Aoste";
 - d. (for Italian citizens) social security number;
 - e. (if applicable) affidavit of fulfillment of military obligations (if the notice provides, including admission requirements, compulsory military or acquitted "militesente");
 - f. (for those who have obtained their qualifications abroad) presentation of the official translation and legal equivalence of the foreign degree. Candidates have to request the application of Art. 74 of DPR No. 382 11 luglio 1980, that is the legal provision which introduced the research doctorate into the Italian university system in 1980. The following authority is responsible to provide all necessary information about the recognition procedure of foreign PhDs in Italy and about the documents to be submitted:

Ministero dell'Istruzione, dell'Università e della Ricerca (MIUR)
 Direzione Generale per l'Università - Uff. IX
 P.le Kennedy, 20 - I - 00144 Roma
 tel. +39-06-9772.1 (operator); fax Uff. IX: +39-06-9772.7242
 Director: Ms. Teresa Cuomo; tel. +39-06-9772.7061; email: teresa.cuomo@miur.it
 Contact: Mr. Luigi Basile; tel. +39-06-9772.7693; email: luigi.basile@miur.it
<http://www.istruzione.it/web/universita/equipollenza-dottorato-estero>

Candidates failing to provide any of these documents within the deadline, will be excluded from the competition.

3. The beginning of the fellowship is subject to verification of the requirements stated in this call.
4. University of Valle d'Aosta will perform random checks of any affidavit.
5. Candidates Citizens of non-EU countries, already present in the Italian territory will prove to be in possession of a valid residence permit on the date of expiry of the notice.
6. Outside of the cases referred to in the preceding paragraph, the structure that has requested the check-acts is in agreement with the competent offices of the Administration, proce-

dures aimed at obtaining a residence permit for scientific research referred to ' art. 27 ter of Legislative Decree no. n. 286/1998 and subsequent amendments.

7. In this case the research grant is awarded to non-EU citizen only to perfection of the procedure described in the previous paragraph.

9 - Activities of the research fellows

1. The research project will be carried out in conditions of autonomy and without the time-labor preordained, within the limits of the research program and the agreement with the scientific tutor as defined in Article 16.
2. To the research fellows will be provided all the needed for the implementation of the research program. He or she will be guaranteed access to the premises, equipment and the use of technical and administrative services of the University.
3. The fellowship does not entails any future subordinate job

Article 10 - Intellectual property, patents and confidentiality

1. The legal and economic regime on the protection and exploitation of all the search results will be determined by the contract to be signed with the winning candidate of the comparative assessment in accordance with current legislation.

Article 11 - Amount of the research and tax provisions applicable to pension and insurance

1. The amount of the grant, excluding the costs borne by the Administration, is € 19,367.00 (nineteen thousand three hundred sixty seven/00) gross per year.
2. The allowance is paid monthly installments.
3. To the research grant shall apply:
 - a. in tax matters, the provisions of art. 4 of Law No 13 August 1984. 476 and subsequent amendments and additions;
 - b. social security rules in art. 2 paragraphs 26 and following of the Law of 8 August 1995 n. 335 and subsequent amendments and additions;
 - c. in respect of compulsory maternity leave, the provisions of the Decree of the Minister of Labour and Social Welfare 12 July 2007, published in the Official Journal. 247 of 23 October 2007;
 - d. in respect of sick leave, art. 1, paragraph 788, of 27 December 2006, n. 296 and subsequent amendments and additions.
4. During compulsory maternity leave period, the compensation paid by INPS pursuant to art. 5 of the aforementioned decree of 12 July 2007, is supplemented by the University up to the total amount of the research.
5. The University will provide insurance cover for accidents and third party liability in favor of the assignees during their research.

Article 12 - Conclusion of contract

1. The research grant is awarded through the stipulation of a private contract. The contract does not in any way a contract of employment and does not give rise to the rights-regarding access to positions within the University.
2. To this end, the selected candidate must sign the contract within the period set by the University and in any event within thirty days after the decree approving the acts of its public procedure. The contract is signed, provisionally, subject to ascertainment of the requirements prescribed for the fellowship.
3. Loses the right to the research grant the person who, within the time limit, is not present for the signing of the contract or the service does not assume contractually established, apart from exceptional cases duly justified.

Article 13 – Resolution

1. If the selected fellow, after starting the research program, fails to continue the activity, without justification, regularly and continuously for the entire duration of the grant, or he/she is held responsible for serious and repeated misconduct, is initiated the procedure prescribed for declaring the termination of the contract.
2. In cases of serious breach, the contract may be terminated by resolution of the Structure of Belonging, on proposal of the scientific manager. The resolution of the structure is transmitted to the Senate and to the General Director.
3. Automatic termination of contract occurs in the following cases:
 - a. unjustified delay or failure to initiate activity;
 - b. unjustified suspension of activity for a period which is prejudicial to the program of research;
 - c. serious violation of the incompatibility former Article 9;
 - d. negative opinion expressed by the Department Council at the end of each contract year, in the case of multi-year grants.

Article 14 - Prohibition of pooling, incompatibility, and expectation breaks

1. Fellowships cannot be pooled with scholarships awarded for any purpose, except those awarded by national or foreign institutions to integrate with off-site stays abroad, the research activities of fellows.
2. The grant is not compatible with participation in undergraduate courses, postgraduate or master, PhD with scholarships or medical specialization, in Italy or abroad, and involves the placement on leave without pay to the employee in service by government.
3. The fellowship is personal. Cumulating salaries from other employment relations, carried out continuously, is forbidden. Subject to authorization from the head of the department, cumulating with professional or occasional or ongoing collaborations may be made. The authorization can be granted only if the activity:
 - a. is in relation to the commitment required, compatible with the execution of the scientific program of the fellowship;
 - b. does not lead to conflicts of interest with the work done same position;
 - c. does not undermine the University.
4. The fellows who intend to start or continue to play, a work activity involving services rendered free of charge from voluntary associations or organizations of a socio-welfare-cultural, non-profit, can perform that role prior authorization from the reference structure , evaluated the compatibility with the tasks of the research.

Article 15 - Rights and duties of the research associate research

1. The fellows conduct research as part of the research project presented in the application, under the direction and in accordance with organizational procedures established by the tutor referred to in article 16.
2. The tasks assigned to the assignees must concern in research activities and not mere technical support.
3. The fellows are entitled to rely, for the purposes of carrying out their activities in research, equipment of the structure at which they perform their service and, can benefit of the services available to researchers in accordance with the applicable provisions of the University. In the event that the research should be carried out in external structures, it must be expressly authorized by the scientific leader and communicated to the General Directorate.
4. Upon authorization of the tutor, if the fellow has to undertake a research mission, the expenses will be reimbursed with the criteria and procedures provided for by the applicable provisions of the University.

5. The fellows are required to submit annually to the tutor and the Department a written report on the research activities. In the report, the fellow must give an account in a timely and comprehensive description of the research methods used and the achievement of results, even partial, taken with reference to the specific program to which cooperates also on the possible renewal of the grant .
6. In the event that the check has several years, the research can be carried out for a period not exceeding two years over three years, at a university or research institution abroad, obtaining specific certification, provided that this is consistent with the programs and objectives of the research entrusted associate. The period of stay abroad must be expressly authorized by the Department, upon motivated request by the Scientific Coordinator.
7. The fellows cannot carry out tasks of teaching and substitute teachers in carrying out the training and assessment of students. May participate in seminars and tutorials for students and be part of commission for exams as experts on the subject, as well as collaborate with students in research activities relating research thesis.
8. The appointment of the expert on the subject is based on the existing internal rules of the University.

Article 16 – Tutor and control activities

1. The Department identifies a tenured full, associate or assistant professor as tutor for the fellowship. The research project shall be undertaken under his/hers direction. Eventually, the tutor may agree with the fellow slight changes in the research program.
2. The tutor, in particular, through careful monitoring activities, coordinates the activities of the grant holder in accordance with the specific program of research, establishing periodic verification of the activities and also identifying the place where the research activities shall be carried out.
3. Notwithstanding the provisions of paragraph 2 of this Article, the holder is bound to report about of their research any times required by the Department or the tutor. To this end, it may be required of the fellow to keep a diary where periodically register the status of the program.
4. The report referred to in article 15, paragraph 5, together with the opinion of the tutor on the appropriateness of the research methods used and the validity of the results achieved, is brought before the Council of the Department.
5. In event of negative assessment, the Council of the Department, heard the fellow reply, may propose the withdrawal of the grant. Early termination of the collaboration of the research activity is approved by the Council of the Department.
6. At the end of the check, the report referred to in the preceding paragraphs will have to account in a timely and comprehensive description of the research methods applied and the achievement of the results set in the research program, even at the end of any renewal of the grant.
7. Premature termination of the fellowship, due to documented cases of serious failure by the holder of the grant, reported by the Council of the Department or the tutor are not affected. The University reserves the right to any legal action to protect its interests.

Article 17 - Withdrawal of publications

1. Candidates must provide, at their expense, to the recovery of qualifications and publications sent to the University within three months of the approval of the selection proceedings. After that time the University of Valle d'Aosta - Université de la Vallée d'Aoste will have the material according to their needs, without liability.

Article 18 - Privacy policy

1. According to D. lgs. n. 196/2003 and subsequent modifications and riders, the personal data provided by applicants will be collected at the University of Valle d'Aosta for the

purposes of this selection and then the eventual establishment of the employment relationship for the purposes related to the management of the relationship itself.

2. Providing such data is necessary for the purposes of evaluation. Failure to provide data or to authorize their use automatically excluded the candidate from the selection.
3. The same information may be disclosed only to public entities directly involved in the legal position of the candidate.
4. The party enjoys the rights under the aforementioned Legislative Decree which include the right of access to data relating to him, and some additional rights, including the right to correct, update or delete incorrect, incomplete or collected in not in accordance with the law, and the right to oppose their processing for legitimate reasons.
5. These rights may be asserted against the University.
6. The data processor is the University of Valle d'Aosta in the person of its Chancellor.

Article 19 - Additional Information

1. Further information can be found on the University website at www.univda.it and in the Office of Administrative Secretariat Departments, Road cappuccinos 2 / A, Aosta (Dr. Paola Santoro, tel. 0165.306733, department-mail address SEP@univda.it).
2. Person in charge of the proceedings, pursuant to Law 241/90 and subsequent modifications and riders: Dr. Paola Santoro, Departments Administrative Office (tel. 0165.306733 - email dipartimento-SEP@univda.it).

20 - Final Provisions

1. The University reserves the right to amend, extend, to terminate this contract, in relation to new legislation or for proven reasons of public interest, without aspiring for any claim or right arising.
2. For matters not covered by this notice of investigation, please refer to the existing text of the "Regulations for the awarding of research grants pursuant to art. 22 of the Law of 30 December 2010, n. 240 University of Valle d'Aosta - Université de la Vallée d'Aoste".

The Dean of the Department of
Economics and Policies
Prof. Chiara Mauri

Annexes: # 3