Research scholarship on Development and validation of a Stock-Flow Consistent Agent Based model for the analysis of the impact of compounding COVID-19 and climate change risk on economic and financial stability in low-income countries - Università Ca' Foscari Venezia (Italian law 30 December 2010, n.240)

The present document in English is to be considered as a mere summary of the main provisions of the notice of competition which is available in Italian at the following (https://www.unive.it/data/28824/). The text in Italian is the official text of the notice of competition for all legal intents and purposes and, in the event of non-conformity with the present document, it shall prevail.

Description

The Department of Economics at Università Ca' Foscari Venezia invites applications for a scholarship in:

Development and validation of a Stock-Flow Consistent Agent Based model for the analysis of the impact of compounding COVID-19 and climate change risk on economic and financial stability in low-income countries

- **scientific coordinator and tutor:** Prof. Monica Billio
- **duration:** 2 months
- **SSD:** SECS P/05

**abstract:**

The project aims to develop a macroecolgical Stock-Flow Consistent model, useful to understand the channels of risk transmission from climate change and COVID-19 on sectors of economic activity, GDP growth, fiscal and financial stability of public debt in low-income countries.

Stipend: The research fellowship amounts to 5.000,00 Euros.

**Deadline for submission of applications:** 2020-09-03.

**Minimum Application Requirements**

- degree and scientific-professional curriculum suitable for carrying out research activities

**Qualifying Titles**

- Holding a PhD;

- The conclusion of a PhD course whilst awaiting the award of the title;

- Master obtained in the subjects covered by the research activity;

- Good knowledge of Matlab and GitHub - Good knowledge of Matlab and GitHub

- At least 2 years of experience in the development and application of macroeconomic and/or macro-ecological models
Research experience acquired on the subject or on related topics

How to apply

Candidates should submit:

1. The application form (http://www.unive.it/data/28900/), duly dated and signed.
2. A CV in European format (http://www.unive.it/data/28900/), duly dated and signed.
3. A photocopy of a valid identity document (e.g. Identity Card or Passport).
4. All documents, qualifications and publications relevant for the selection procedure.

Hard copy of the application should be printed, signed and delivered to Department of Economics, Università Ca’ Foscari Venezia:

1) By e-mail to each of these addresses (including in the subject line Research fellowship on Development and validation of a Stock-Flow Consistent Agent Based model for the analysis of the impact of compounding COVID-19 and climate change risk on economic and financial stability in low-income countries and the name of the candidate):
   simar@unive.it;
   segreteria.economia@unive.it
   ricerca.economia@unive.it
   silviarlo@unive.it
   tonissi@unive.it

2) by registered mail with return receipt to protocollo@pec.unive.it (including in the subject line Research fellowship on Development and validation of a Stock-Flow Consistent Agent Based model for the analysis of the impact of compounding COVID-19 and climate change risk on economic and financial stability in low-income countries and the name of the candidate);

WARNING!!!! Please note that the University is closed for the summer break from 10 to 14 August 2020. We strongly recommend that you DO NOT send applications for participation that must be received during the closing period indicated

Selection procedure

The selection is made by assessment of the scientific-professional qualifications of the candidates, the curriculum vitae et studiorum, the scientific publications and the interview.

The interview will be held in remote only. Further details on how to connect online will be published alongside the convocation notice.

The interview will take place telematically on 2020/09/09, at 10.00 AM.

The short-list of the candidates admitted to the interview, or any postponement, will be published on the University’s webpage on 2020/09/07 (https://www.unive.it/data/12136/).

Incompatibility

The fellowships within this announcement may not be combined with:
- other research grants;
- fellowships of any other kind, with the exception of those awarded by national or foreign research institutes to integrate, with periods abroad, the specific research activities required by this announcement.

The granting of the Short Research fellowship does not give rise to the establishment of any employment relationship, nor does it give rise to rights regarding access to the roles of the University staff.

Procedures for monitoring and evaluating the activities carried out by the research grant holder

The research grant holder at the end of its activity must also provide the Department:

- a final report on the activity carried out, highlighting the results achieved.

Information and contacts

For further information please contact Segreteria Amministrativa del Dipartimento di Economia, phone number: 041-2349173; e-mail: simar@unive.it

Evaluation Procedure and Commission.

A Commission summoned by the Director of the Department/Center, who indicates the President of the Commission and the member taking the minutes, will evaluate the applications.

Evaluation procedure. The Commission defines the general evaluation criteria. The interview and any other test must ascertain the suitability of the applicant to the research activity. The Commission compiles a ranking and specifies the winning applicant, having regard to the score appointed to experience and qualifications, interview and any other test, as specified by the call.

Awarding of the short research fellowship

Having received the selection documents, and at the outcome of the checks, the Director approves, by his own decree, the classification and the selection procedure reports and makes them public according to the procedures specified in the Regulation awarding the short research fellowship art. 6 and in the website http://www.unive.it/data/28900/. Exclusion is justified in detail in the selection reports which can be accessed in accordance with law 241/90.

The Director of the Department at which the research programme will be conducted awards the research fellowship to the winner of the selection procedure, subject to ascertainment of the prescribed requirements. The latter shall accept the award within 7 days from receipt of the communication by signing the relative contract at the competent office of the Department of Economics, which will establish the terms of and procedures for the collaboration and allocation of the grant.

Grant. The fellowship is intended to provide the successful candidate with the opportunity to pursue his/her own research while benefiting from the range of expertise at Università Ca' Foscari Venezia. The tutor coordinates the activities of the Research Fellow and any other research activity within the same program and provides the Fellow with all the information for carrying out the research.

The Department provides the Research Fellow with the needed back-up support such as access to facilities, equipment and administrative services.

The Research Fellowship is not, in any case, considered as an employment contract and the Fellow
is not part of the University staff.

The rights for any patentable invention coming from Research Activities belong to the University or entities with which the University has signed (or will sign) specific agreements.

**The person responsible for administrative proceedings**

In accordance with Art. 5 of Law no. 241 dated 7 August 1990, as amended, the person responsible for the selection process (RPA) is Dott. Silvia Lovatti who can be reached at the Department of Economics, at the e-mail address silvialo@unive.it and telephone no. +39 04102349158

**Final provisions**

For anything not specified in this call, see the University of Venice's current regulations regarding the awarding for research fellowships and the current legislation.
Il/La sottoscritto/a ______________________ nato/a a ____________________ (prov. di _____) il ____________, CF____________________________ residente a __________________ (provincia di _____), in via ______________________ n. ____ C.A.P. ______________, in possesso di cittadinanza ____________________, tel. ____________________, cell. ____________________, e-mail ___________________________ [se posseduto e-mail certificata (PEC): _______________

CHIEDE

di essere ammesso alla selezione pubblica, per titoli e colloquio, per l’attribuzione della borsa di ricerca titolo:

Sviluppo e validazione di un modello Stock-Flow Consistent e ad agenti per l'analisi dell'impatto congiunto del rischio COVID-19 e del cambiamento climatico sulla stabilità economica e finanziaria nei paesi in via di sviluppo

Dichiara, cosciente delle responsabilità anche penali in caso di dichiarazioni non veritiere, ai sensi del D.P.R. 445/2000:

o di essere in possesso di diploma di laurea (corso di studi di durata non inferiore a 4 anni, previsto dagli ordinamenti didattici previgenti al D.M. 3 novembre 1999, n. 509), laurea specialistica (art. 3, comma 1, lettera b), D.M. 3 novembre 1999, n. 509), laurea magistrale (art. 3, comma 1, lettera b), D.M. 22 ottobre 2004, n. 270) e di curriculum scientifico-professionale idoneo allo svolgimento delle attività di ricerca

a) di essere cittadino/-a ____________ [se cittadino non appartenente all’Unione Europea presente sul territorio italiano: il possesso del permesso di soggiorno valido alla data di scadenza del bando];

b) di possedere l’idoneità fisica alla collaborazione;

c) di essere a conoscenza che il conferimento della borsa di ricerca non è compatibile con le posizioni di cui all’art. 12 del Regolamento per il conferimento delle borse di ricerca d’Ateneo e dalla normativa vigente;

d) di non avere un grado di parentela o di affinità, fino al quarto grado compreso, con un professore appartenente al Dipartimento o alla struttura che effettua la chiamata ovvero con il Rettore, il Direttore Generale o un componente del Consiglio di Amministrazione dell’Ateneo e di essere consapevole di quanto previsto dalla Legge 240/2010 art. 18 c. 1 lettera b);

e) Richiede i seguenti benefici previsti dalla legge n. 104/92:

.......................................................................................................................................................... e a tal fine allega certificazione relativa all’handicap;

f) di eleggere ai fini del presente concorso il proprio recapito al seguente indirizzo:

via ____________________________________________ n. ___

presso ______________________ (comune) ____________

CAP ____________ PROV ____________

telefono ____________ fisso ____________ mobile ____________

e-mail ______________________________________ pec: ______________________________________

g) Essere consapevole che tutte le comunicazioni ai candidati avverranno tramite pubblicazione sui siti web dell’Università http://www.unive.it/data/12122/ e http://www.unive.it/data/12136/ e che tale pubblicazione ha valore di notifica a tutti gli effetti

h) Il sottoscritto esprime il proprio consenso affinché i dati personali forniti possano essere trattati, nel rispetto del D. Lgs. n. 196/2003, per gli adempimenti connessi alla presente procedura selettiva.
I) Il sottoscritto dichiara di accettare di sostenere il colloquio per via telematica in modalità:
per il quale dichiara la fattibilità tecnica del colloquio telematico ovvero che la struttura presso la quale si svolgerà il colloquio telematico è dotata di una postazione telematica con attrezzature informatiche, comunicative e strumentali necessarie p. es. PC; connessione internet; attrezzature e software per video conferenza; cuffie; microfoni (specificare eventuali altre dotazioni). Il Candidato dichiara altresì che il colloquio telematico si svolgerà nella seguente sede locale: .......................................................... (indirizzo) e che il suo contatto è ..........................................................
Il candidato dichiara altresì che:
- al momento del collegamento provvederà ad esibire il proprio documento di identità per l’identificazione da parte di uno o più dei componenti la Commissione;
- di essere consapevole che il colloquio potrà svolgersi in via telematica solo se TUTTI i candidati sono d’accordo e hanno la possibilità di collegarsi e che in caso contrario il colloquio verrà rinviato a data da destinarsi.

Alla domanda vengono allegati:

a) un dettagliato curriculum dell’attività scientifica, accademica e professionale;
b) una copia del documento d’identità del candidato;
c) gli eventuali altri allegati previsti dall’avviso;
d) ogni altro documento ritenuto idoneo ai fini della valutazione.

Data ........... firma del candidato

..........................................  

NB: L’Università non assume alcuna responsabilità per i casi di irreperibilità del destinatario o di dispersione delle comunicazioni dipendenti da inesatta indicazione del domicilio e dei recapiti da parte del candidato, dalla mancata o tardiva comunicazione di variazione di essi o da cause non dipendenti dall’Università, né per gli eventuali disguidi postali o telegrafici o comunque imputabili a fatto di terzi, a caso fortuito o a forza maggiore.
Le dichiarazioni formulate nella domanda sono da ritenersi rilasciate ai sensi del D.P.R. n. 445/2000 e successive modificazioni, dai candidati aventi titolo all’utilizzazione delle forme di semplificazione delle certificazioni amministrative consentite dal decreto citato.
To the Director of the Department of Economics  
Ca’ Foscari University, Venice  
Cannaregio – San Giobbe, 873  
30121 – Venezia

I, the undersigned ___________________________ born in ______________________________ 
(prov. of ___) on ____________, passport no. / taxpayer’s code no. 
__________________________________ resident in ___________________ (province of _____), in 
____________________ (street) no. _____, postcode _____________, nationality 
______________, tel. ______________ mobile ______________________,   email 
___________________________

hereby submit

my application for the qualification-based public selection process, for the short research 
fellowship within the scope of the research programme:

Development and validation of a Stock-Flow Consistent Agent Based model for the analysis of 
the impact of compounding COVID-19 and climate change risk on economic and financial 
stability in low-income countries

I, the undersigned, fully aware of the liabilities, including criminal liability, arising from untruthful 
declarations, pursuant the Italian law (D.P.R. 445/2000), hereby:

a) Holding a master’s degree in the subjects of the research, or related disciplines;

b) of ____________ nationality [for non-EU citizens already residing in Italy only, that s/he is in 
possession of a residence permit/research visa for ________ expiry date on_______];

c) physically fit for the position;

d) aware that the awarding of the short term research fellowship is not compatible with the 
positions referred to in art. 12 of the Regulations for short term research fellowships and the 
current legislation;

e) not have any kinship and affinity, up to and including the fourth degree, with any professor 
belonging to the Department or to the Centre announcing the call for applications, or with the 
Rector, the Chief Executive Officer or a member of the University Board of Directors and to be 
aware of the relevant provisions of Law 240/2010. Article 18, par. 1, lett b);

f) the following benefits established by Law no. 104/92:
and for the above mentioned purpose encloses disability certification;

m) the following address for the purposes of this application:

............................................................(street)  no........

at.......................municipality....................... POSTCODE...... PROV.............
tel. ..................... land line .............................. mobile ....................
email ..........................................................

to communicate any subsequent variations and that the administration accepts no liability in the event of the addressee being untraceable.

g) in compliance with Legislative Decree no. 197/2003 and subsequent amendments and modifications, for the requirements related to this selection procedure;

The following are enclosed with this application:

a) a CV detailing professional, academic and research background;

b) A photocopy of a valid identity document (e.g. Identity Card or Passport);

c) any other documentation deemed relevant for the evaluation.

Hard copy of the application should be printed, signed and delivered to Department of Economics: By e-mail to each of these addresses (including in the subject line Research fellowship on Development and validation of a Stock-Flow Consistent Agent Based model for the analysis of the impact of compounding COVID-19 and climate change risk on economic and financial stability in low-income countries, and the name of the candidate):

simar@unive.it;
secreteria.economia@unive.it
ricerca.economia@unive.it
silvialo@unive.it
tonissi@unive.it

1) by registered mail with return receipt to protocollo@pec.unive.it (including in the subject line Research fellowship on Development and validation of a Stock-Flow Consistent Agent Based model for the analysis of the impact of compounding COVID-19 and climate change risk on economic and financial stability in low-income countries and the name of the candidate);

The undersigned declares that she/he agrees to take the interview electronically:
for which she/he declares the technical feasibility of the telematic interview or that the
structure where the telematic interview will take place is equipped with a telematic workstation with the necessary computer, communication and instrumental equipment, e.g. PC; internet connection; equipment and software for video conferencing; headphones; microphones (specify any other equipment)

The Candidate also declares that the telematic interview will take place at the following local office:…………………………………………………………………….. (address) and that his/her contact is…………………………………………………….

The candidate also states that:
- at the time of the connection you will provide your identity document for identification by one or more of the members of the Commission;
- that he/she is aware that the interview can only take place electronically if ALL candidates agree and have the opportunity to connect and that otherwise the interview will be postponed to a date to be set.

Date and signature

N.B.

The University does not take any responsibility for cases of unavailability of the recipient or for the communications resulting from inaccurate indication of domicile or of contact details by the candidate, failure or late communication of contact details’ variation or any other reason not attributable to the University, nor from any error in postal delivery, or in any case from acts attributable to third parties, from unforeseeable circumstances or force majeure.

The declarations made in the application shall be considered made pursuant to the D.P.R. n. 445/2000 and subsequent amendments, by candidates entitled to use the simplified administrative certifications allowed by the aforementioned decree.