

The Dean of the Faculty of Science and Technology

- in view of art. 18 c. 5 of law no. 240/2010;
- in view of the resolution of the Faculty Council of the Faculty of Science and Technology of 07.07.2016 no. 162 which approves the agreement with the *Fondazione Edmund Mach – Centro Trasferimento Tecnologico (FEM)* for the financing of one (1) scholarship for research activity with the title *"Statistical analysis applied to an experimental project on soil biology and fertility in viticulture"*;
- in view of the above-mentioned agreement between the Free University of Bozen-Bolzano and the *FEM* of 28.07.2016;

announces

that at the **Faculty of Science and Technology** it is issued a competition announcement by qualifications and interview for the awarding of a scholarship for research activities according to the following modalities.

1. Description

Title of the research project: *"Statistical analysis applied to an experimental project on soil biology and fertility in viticulture"*.

Disciplinary-scientific sector: AGR/03

Scientific responsible: dott.ssa Francesca Scandellari

Scientific co-responsible: Prof. Massimo Tagliavini

Estimated date of beginning of the contract: 2nd November 2016

Financier: Fondazione Edmund Mach

Gross amount: 9.000,00 Euro

Duration: 7 month

Distribution of the scholarship: monthly

Language for conducting the research activities: Italian

Detailed description of the activity to be conducted from the scholarship recipient:

The successful candidate will take care of the computational analysis and management of soil biological fertility including, but not exclusively, enzymatic activities, microbial biomass, QBSAR and QBSE quality indexes, mycorrhization index, meta-taxonomy.

The candidate has experience in the statistical handling of complex experimental designs and of the appropriate software to handle data, including but not exclusively, the R platform.

The candidate will support field and laboratory activity and will regularly participate to field trips and sampling. The ideal candidate will be able to travel independently to reach the Technology Transfer Center of the Fondazione Mach located in Mezzolombardo, TN, and the experimental fields located in the provinces of Trento and Bolzano.

2. Requirements for competing in the selection procedure

For the competition to the selection procedure, the following requirements are requested, under penalty of exclusion:

- a four-year/five-year undergraduate degree (Bachelor) or a Master degree or an equivalent qualification in biotechnology, agricultural-, biological-, environmental or forestry science or equivalent titles. Study titles gained abroad, which have not been declared equivalent according to the current legislation will be evaluated solely for the purposes of selection by the commission of selection. For this purpose, applicants must attach to the application form, the necessary documents for the selection commission to decide on the request for eligibility.
- Scientific and professional curriculum, suitable for performing the above described research activity which shows in particular the knowledge of the fundamentals of the computational analysis and management of complex datas and the use of appropriate data-elaboration programs, especially the R platform
- driving license B.

3. Procedures and deadline for presenting the application

The application may be submitted according to the model provided in attachment 'A'. The application must be handed in, together with the documentation described below, to the following address **by and no later than the deadline of 03.10.2016, 17:00:**

Free University of Bozen-Bolzano
Faculty of Science and Technology
to the attention of: Mrs. Martina Acciardi
Building K – 3rd Floor
Piazza Università 5 - P.O. Box 276
I-39100 Bozen-Bolzano

For information: e-mail: science.technology@unibz.it

The application may be presented in the following ways:

- 1) submitting the application personally (office hours of the Faculty Secretariat: Monday to Friday 08:30 - 12:30 and 14:00 to 17:00)
- 2) sending the application by registered mail with signed return receipt.
- 3) sending the application by PEC (Posta Elettronica Certificata- Certified electronic Mail) at the following PEC-address science.technology@pec.unibz.it. The attachments to the message must be in PDF-format.

The subject of the PEC-message/registered Mail must result the following caption: "Domanda per borsa di studio per attività di ricerca UNIBZ/FEM".

The acceptance of the application is authenticated by the date of the entry stamp of the faculty administration. The submission is not authenticated by the date of the post stamp.

The administration does not assume responsibility for post and / or informatical errors or errors attributable to third parties, unforeseeable circumstances or major force.

Applications may be written in Italian or English.

Following documentation must be attached to the application:

- 1) a scientific and professional CV, signed and dated, , where the candidate also points out on the skills and aptitudes that are relevant to his/her work on the research programme, as described in art. 1;
- 2) any publications, qualifications or certificates deemed useful to demonstrate the competence of the candidate in relation to the mentioned programme together to a list of the presented titles;
- 3) copy of a valid identity document (identity card, passport, driving license).

Publications, titles or other certificates issued by Italian Public Administration or Institutions must be presented in one of the following was:

- a) a declaration in lieu of an affidavit as per article 47 of D.P.R. 28 December 2000, no. 445. In such a case, applicants must provide:
 - 1 photocopy of each qualification;
 - 1 declaration, following the model provided in attachment 'B', in which the applicant declares, under his/her own responsibility, that the copies of qualifications attached, described in detail with reference to their issue date, place and institution where the qualification(s) was/were obtained, complies to the originals in his/her possession;
 - 1 photocopy of an ID document.
- b) a declaration in lieu of certificates as per article 46 of D.P.R. 28 December 2000, no. 445. In such a case, applicants must provide:
 - 1 declaration, following the model provided in attachment 'B', in which the applicant declares, under his/her own responsibility, that s/he possesses the qualifications, described in detail with reference to their issue date, place and institution where the qualification(s) was/were obtained: this declaration acts simultaneously as list of publications, therefore this list must not additionally attached.
 - 1 photocopy of an ID document.

The University can neither accept nor request certificates issued by Italian public administration/institutions. Therefore, any such certificate, if it is attached to the application, will not be taken into consideration for the selection procedure as per this advertisement.

Any qualifications/certificates issued by private institutions* or issued abroad can be produced:

- a) as the original(s), or
- b) as an authenticated copy or
- c) as a declaration in lieu of affidavit or as a declaration in lieu of certificates as per article 46 or 47 of D.P.R. 28 December 2000, n. 445 (cfr. attachment 'B')

Non-EU citizens may use the said declarations limited to cases where states, facts and personal qualities can be certified by Italian public or private entities.

Not signed application by the applicant or application delivered after the deadline or in a not valid way will not be considered or admitted.

4. Selection procedure

The selection commission is to be constitutes of the scientific responsible of the research and by other two members appointed by the Faculty Council of the Faculty of Science and Technology among the professors and researchers.

Qualifications and the interview are the criteria for assessing candidates.

The interview will take place on 13.10.2016, in office K3.07 Building K, Piazza Università 5, 39100 Bolzano.

Candidates are required to be present at the place and date indicated, under penalty of exclusion, with a valid identification document. This call is equivalent to the notification to the convocation to the interview and therefore no other direct communication to candidates will follow.

The criteria and procedures for evaluation of qualifications and interview will be determined by the selection commission in the first session.

The judgment of the Commission can not be appealed.

5. Publication of the rank list

The rank list is approved by a Decree of the Dean of the Faculty and will be published on the official notice board of the Faculty of Science and Technology and on the following link:
<http://www.unibz.it/it/organisation/vacancies/research/researchassistants/default.html>.

6. Awarding of the scholarship

The winner will be notified by a written communication about his/her assignment of the scholarship. At the end of the scholarship, the scholarship recipient must transmit to the Faculty Council an activity report, approved by the scientific responsible of the research and/or the scientific co-responsible. In case of scientific publications edited by the scholarship recipient and deriving from the activity conducted within the scholarship, the holder of the scholarship is required to mention the financial contribution of the Fondazione Edmund Mach.

7. Incompatibility

The scholarship is incompatible with research scholarships or with other scholarships at any title conferred, with exception of the one foreseen for the integration of a stay abroad, neither with salary from public or private employment, even if it is a temporary employment, except for the possibility that the scholarship recipient will be placed by the employer on unpaid leave. It cannot be combined with payments for performance of self-employment appointments conferred by the University.

The scholarship can not be conferred to those who are related to marriage, or related within the fourth degree of kinship, to the Rector, the general Director, a member of the University Council, the responsible of research or a professor or researcher working for the department which hosts the programme to which the bursary is referred.

8. Loss and withdrawal

The right to the scholarship will be lost for those who, within the fixed deadline, do not accept the scholarship or who do not begin the activity within the indicated term. Only delays due to grave health reasons or to force majeure duly proved are justified and admitted.

The loss of the scholarship also involves not justified interruptions of the research activities, or cases in which the scholarship recipient is responsible for serious and repeated defaults.

The scholarship recipient may withdraw from the contract by communicating to the Dean, who declares the loss of the scholarship. The fees paid for the effective period of fruition of the scholarship up to the revocation date are expected.

9. Legal nature of the scholarship

The scholarshiping of the scholarship in this announcement does not constitute an employment relationship.

The scholarship will be subject to the tax treatment and pension scheme defined by the current legislation at the date of payment.

10. Dispositions regarding the protection of the personal data

In application of art. 13 of the D.Lgs. 196/2003 "Laws regulating the protection of personal data," the Free University of Bozen-Bolzano, which is owner of the personal data regarding the selection procedure, informs that the personal information gathered during the proceedings will only be used to

the purpose of the present selection with the use of informatical procedures and paper storage of related acts.

He/she will however be able to access the disclosed information, under the provisions of art. 7 of D. Lgs. 196/2003 and the right to actualize, retify, complete or cancel erroneaous or incomplete data or collected not compliant to the right, and not to oppose for legitimate reasons their treatment.

11. The person in charge of the procedure

In accordance with law no. 241 of 7th August 1990, and with successive modifications and integrations, the person in charge of the procedure of the present selection is Dr. M. Magdalena Vigl, (piazza Università, 5 - 39100 Bozen-Bolzano - telephone +39 0471 017002, fax +39 0471 017009).

The Dean of the Faculty of Science and Technology

Professor Stefano Cesco

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