



UNIVERSITÀ
DEGLI STUDI
DI BERGAMO

Area
Risorse Umane

Servizio Personale TA e
collaboratori

CHANCELLOR'S DECREE

Data that can be deduced from the registration in the protocol:
Repertoire Number, Protocol Number, Title,
Class File Attachments and References

Object: Public selection based on qualifications and interview for the awarding of no. 10 Early stage grants for conducting research pursuant to art. 22 of law no. 240/2010 at the Departments of University of Bergamo - Pica Code: 23AR033

THE CHANCELLOR

GIVEN	Law No. 168 of 9 May 1989 laying down rules on the "Establishment of MIUR";
GIVEN	Law No. 240 of 30 December 2010 "Norms in terms of organization of universities, of academic personnel and their recruitment, as well as mandate to the Government to subsidize quality and efficiency of academic systems", in particular art. 22 on research grants;
GIVEN	the Statute of the University of Bergamo enacted with Chancellor's Decree Index No. 570/2023 of 01.08.2023;
GIVEN	the University's current Regulations for awarding grants for conducting research;
GIVEN	Ministerial Decree Prot. No. 102 of 09 March 2011, recorded at the Court of Auditors on 13 May 2011, which revalued the minimum gross annual amount of grants for conducting research;
GIVEN	Decree-Law No. 192 of 31 December 2014 "Extension of terms provided for by legislative provisions", converted, with amendments, by Law No. 11 of 27 February 2015 and, in particular, Art. 6 paragraph 2 bis which extended by two years the total duration of grants established under Art. 22 of Law No. 240/2010, taking it from four to six years;
GIVEN	the D.L. No. 36/2022, converted, with amendments, into Law no. 79/2022, which in art. 14 paragraph 6-quaterdecies establishes that "for one hundred and eighty days following the entry into force of the decree conversion law, limited to the already programmed resources on the mentioned date, or approved by the respective governing structures within the mentioned term of one hundred and eighty days , universities [...] may call for awarding procedures of research grants pursuant to article 22 of law no. 240, in the current text before the entry into force of this decree conversion law";
Referring also to:	
	- the University's Code of Ethics issued with Chancellor's Decree. Prot. No. 14405/I/003 of 19.7.2011 and amended with Chancellor's Decree. Rep. No. 262/2018, Prot. No. 60030/I/003 of 12.4.2018;
	- the University's Regulations on research integrity and ethics, enacted with Chancellor's Decree Index No. 387/2016 of 18 July 2016;
	- the University's Patent Regulations enacted with Chancellor's Decree Index No. 390/2016 of 19 July 2016 and amended with Chancellor's Decree Index No. 158/2018 of 26 February 2018 and with Chancellor's Decree Index No 421/2020, of 9.9.2020;
ACQUIRED	the resolutions of the Councils of the Structures involved referred to in Annex A which approved the annual research projects and resolved on the requirements for candidates' admission to the selection;
GIVEN	the resolutions of the Academic Senate and of the Board of Directors reported in Annex A which approved the research grants activation in various Departments;
ASCERTAINED	the financial backing reported in annex A;



DECREES

Article 1

Call for public selection

10 public selections are launched based on qualifications and interview for the awarding of No. 10 grants for conducting research pursuant to Art. 22 of L. No. 240/2010 with a contract under private law as specified in Annex A to this notice which constitutes an integral part thereof.

Each grant is paid to the contract holder in monthly instalments of equal amount.

The research projects are described in Annex A of this call constituting an integral part hereof.

Article 2

Requirements for admission to the selection

The selection procedure is open to **scholars in possession of a professional scientific curriculum suitable for conducting the scientific research provided for by this call, as well as of the following requirements:**

- **2nd cycle degree: Diploma di Laurea Specialistica (LS) or Laurea Magistrale (LM)** and equivalent qualifications, *or* **Diploma di Laurea (DL)** obtained according to the procedures preceding the entry into force of Ministerial Decree 509/1999 and following amendments and integrations and equivalent qualifications for admission to public competitions (**see the following Annex A**).
- **knowledge of one or more foreign languages (see the following Annex A).**

To establish the equivalence among **Diploma di Laurea (DL)** and **Diploma di Laurea Specialistica (LS) or Laurea Magistrale (LM)**, it is possible to refer to the following link:
<http://attiministeriali.miur.it/UserFiles/3160.pdf>

The Decrees that govern the equivalence among Italian academic qualifications for participating in public competitions are available at the following link:
<http://hubmiur.pubblica.istruzione.it/web/universita/equipollenze-titoli>

The qualifications obtained abroad must be recognised as valid in the Italian territory.

As regards qualifications obtained abroad that have not already been recognised in Italy with formal procedure pursuant to the applicable laws, the Commission is competent to assess the equivalence – as to the nature, level and subject correspondence (cycle degree) – to the qualifications required by this call, for the sole purposes of admission to the present selection.

As regards qualifications obtained abroad, required by the call for the purpose of admission to this selection, the applicant:

- in the event of qualifications already recognised as valid in the Italian territory, must indicate in the application **the details of the provision attesting the occurred recognition** pursuant to the applicable laws;
- in the event of **qualifications not yet recognised**, in order to ensure the widest participation in the selection, the candidate with a qualification not yet recognised or with the recognition procedure in progress, **must obligatorily attach to the application, under penalty of exclusion, one or more of the following documents:**
 - **a certified copy of the statement of qualification equivalence**, issued by the competent Italian diplomatic and consular authorities abroad;
 - **the diploma supplement or transcript of record**, legalized and written in Italian or in English;
 - **a copy of the qualification** with a translation into Italian or English

In the PICA procedure for forwarding applications to participate in the selection, it is only necessary to indicate the qualification required by the call (Master degree) and insert, where necessary, the required attachments. Qualifications superior or additional to the one valid for admission (e.g., PhD) can be declared in the section referring to other qualifications/titles.

In the event of qualifications not yet recognized, the candidate is admitted with reserve.



If the candidate turns out to be the winner, he must start the procedure above indicated and produce the required documents, within the terms peremptorily established by the Administration following the approval degree, in order to sign the contract.

Moreover, the applicant is also required:

- **to be at least 18 years old;**
- **to be in possession of civil and political rights;**
- **to have no criminal convictions or ongoing criminal proceedings that would prevent, in accordance with the regulations in force, the establishment of an employment relationship.**

The selective procedure does not allow admittance to:

- those who have a degree of kinship or affinity, up to and including the fourth degree, with a professor from the relevant structure, or with the Chancellor, the General Manager or a member of the University's Board of Directors;
- those who have been holders, including any renewals, of research grants awarded pursuant to Art. 22 of Law No. 240/2010 for a period which, added to the duration of the contract provided for by this call, exceeds a total of six years, except for the period in which the grant was used in coincidence with the PhD within the maximum legal duration of the relevant course;
- those who were contracted as research fellow or fixed-term researcher as per ss. 22 and 24 of Law 240/2010 at the University of Bergamo or other Italian public, private or online Athenaeums, as well as any other Body indicated in para 1 of s. 22 of Law 240/2010 for a length of time which, if summed to the duration of the contract in this announcement, exceeds 12 years in total, albeit not consecutive; periods of time spent on maternity or sick leaves do not count to the purpose of the duration of the aforementioned relationships, in accordance with current Laws;

The applicant enrolled in a Diploma di Laurea (DL), Diploma di Laurea Specialistica (LS), Laurea Magistrale (LM), PhD with study grant or medical specialisation in Italy or abroad can participate in the selection object hereof; should the applicant be the winner, the research grant will be awarded subject to withdrawal from studies or PhD study grant.

Pursuant to art. 22 paragraph 2 of Law 240/2010 cannot be recipient of the grants the regular personnel at universities, institutions and public entities of research and experimentation, the Italian National Agency for new technologies, energy and sustainable economic development (ENEA) and the Italian Space Agency (ASI) and institutions whose scientific specialization diploma was recognised equivalent to a PhD pursuant to the fourth paragraph under article 74 of Presidential Decree of 11 July 1980, No. 382.

The holder of the grant can attend PhD courses whose subjects are related to the research activities connected with the grant, upon prior evaluation of the Structure of reference. However, the research grant is incompatible with the enjoyment of the PhD study grant.

These requirements must be met on the date of expiry of the deadline for submitting the application for the admission to this selection.

This Administration guarantees equality and equal opportunities between men and women as to access to employment and treatment at work.

Article 3 **Exclusion from the procedure**

The following reasons are causes of exclusion:

- lack of signature on the application form;
- lack of admission requirements as provided for by Art. 2;
- failure to meet the procedures for submitting the application as mentioned under the following Art. 4.

The applicant is admitted if selected; should additional investigations be necessary; the applicant must regularize his/her application within the time peremptorily established.

The Administration may decide to exclude the applicant from the selection launched with this call, at any time, by reasoned Chancellor's Decree.



Article 4

Terms and conditions for submitting application

Under penalty of exclusion applications for participation in the competition, along with the relevant qualifications held and the relevant scientific publications, shall be submitted online through the following online application procedure:

<https://pica.cineca.it/unibg/>

The candidate will be able to register and access the platform using the Public Digital Identity System (SPID - security level 2). In case the candidate does not have one, he or she can request it according to the procedure indicated on the website www.spid.gov.it. Alternatively, the candidate can register and log in using the credentials released directly by the PICA platform.

It is of utmost importance to provide a valid email address in order to enable the registration process on the electronic procedure.

Applicants shall upload all personal and professional data as requested by the application procedure; all documents must be uploaded in PDF format (.pdf). Each applicant can produce a maximum of no. 40 publications and a maximum of no. 40 other titles and qualifications.

Failure to comply with the online application procedure will result in exclusion of the applicant.

Prior to final submission, and within the given deadline for applications submission, the online application procedure allows to modify and save the inserted information in a draft copy.

Confirmation of final submission date will be certified by an automatic notification email.

Submissions after the given deadlines will not be accepted by the system, as the online application procedure won't be accessible.

Each application will be given a registration number. For all further communications, the registration number shall be quoted along with the code of the research grant competition.

The online application and the submission procedure must be completed by and no later than **12.00 (Italian time) on the thirtieth day** from the notice publication date on the University website. Should the indicated deadline fall on a non-business day, it shall be postponed no later than 12.00 (Italian time) of the next business day.

The submission of the online application must be completed and finalized:

- **no digital signature:** in this case the candidate has to download the pdf file of the application by the system; the PDF file shall not be modified in any way, it is to be printed, signed in original, scanned in a pdf file and uploaded again on the website;
- **sign the application on the server using ConFirma service:** in order to sign digitally the application it is necessary to have a hardware (e.g., smart card or USB with digital signature certificate issued by an approved certification body) compatible with ConFirma service; after signing, applicants can download the signed pdf application;
- **sign the application digitally on your PC:** In order to sign digitally the application it is necessary to have a hardware (e.g., smart card or USB with digital signature certificate issued by an approved certification body) and a software for digital signatures in order to create a pdf.p7m file from the pdf file downloaded from this site. The pdf.p7m file must be uploaded in the website again;
- **in case of submission of the application through SPID,** it will not be necessary to sign the application form as it is automatically acquired by the procedure.

The application must contain all the required data by the system and must be signed and accompanied by a valid identification document of the candidate, under penalty of exclusion.

For any technical problems, contact support through the link available in the footer <https://pica.cineca.it/unibg>.

Article 5

Admission application

The applicant, filling the application, must declare, under his/her own responsibility, pursuant to what provided for by Presidential Decree 445/2000 and following amendments and integrations, as follows:

- his/her citizenship;



- to possess the qualifications mentioned in the attached annex A, indicating the degree cycle, the date on which it was obtained, the Institute that issued it and the final vote/assessment achieved; the applicant with qualification(s) obtained abroad must declare to have obtained the relevant recognition indicating in the application the details of the provision or must annex the required documentation according to what specified hereby;
- to possess any other requirements as mentioned in Annex A;
- to possess other qualifications useful for the assessment;
- to know the foreign language required by this call;
- in case of Italian citizenship: to be enrolled in the electoral lists, specifying the Municipality of belonging and possibly specifying the reasons for non-inclusion or cancellation from the same lists; in case of foreign citizenship: to possess civil and political rights in the Country of belonging or provenance, or the reasons for non-possession of the same;
- not to be excluded from the active political electorate;
- to have no criminal convictions, or declare possible convictions undergone, indicating the details of related sentences, and any pending criminal proceedings;
- to be/not to be a state employee, specifying to be/not to be a regular employee at Universities and other bodies as mentioned in Art. 22 of L. No. 240/2010;
- to have no degree of kinship or affinity, up to and including the fourth degree, with a professor from the relevant structure or with the Chancellor, the General Manager or a member of the University's Board of Directors;
- if enrolled in a Diploma di Laurea (DL), Diploma di Laurea Specialistica (LS), Laurea Magistrale (LM), PhD with study grant or medical specialisation, in Italy or abroad, to be aware that, in the event of awarding of the grant, attendance at such courses and the use of the PhD study grant are incompatible with the holding of the contract;
- to hold research grants awarded pursuant to Art. 22 of Law No. 240/2010;
- to hold contracts as fixed-term researcher pursuant to Art. 24 of Law No. 240/2010;
- to have attended a PhD indicating the period, University, date on which the qualification was obtained, cycle, exact title of the course and CUN Area;
- period of enjoyment of any PhD study grant;
- address to which communications concerning this competition are to be sent; it is mandatory to indicate a personal e-mail address as well;
- possible request to conduct the interview via videoconference indicating the phone number and motivation.

In the application for participating in the competition, the applicant, pursuant to Law No. 104 of 5 February 1992, must specify any aid necessary in relation to his/her need, as well as any need for additional time for the interview.

When submitting the application for participating in the selection, the applicant must annex the following documents:

1. a photocopy of the applicant's identity document in course of validity;
2. *curriculum vitae* in European format, dated and signed;
3. a list, signed by the applicant, of the publications and other research products, and other titles considered appropriate for the purposes of the selection such as specialisation degrees, certificates of attendance to postgraduate courses, obtained in Italy or abroad, contracts, study grant or research assignments both in Italy and abroad (cf. Annex B);
4. any publications, other research products or other titles that the candidate wishes to assert to the purpose of the procedure, numbered in progressive order matching the relating numbered list;
5. in the event of foreign applicant, it is necessary to annex: a copy of the residence permit (if the applicant is already in its possession).



For the abroad qualification, required for the purposes of selection admission, it's also necessary:

- in the event of qualifications already recognised as valid in the Italian territory, to indicate in the application **the details of the provision attesting the occurred recognition** pursuant to the applicable laws;
- in the event of qualifications not yet recognised attach to the application **one or more of the following documents**: a certified copy of the statement of qualification equivalence, issued by the competent Italian diplomatic and consular authorities abroad; the diploma supplement or transcript of record, legalized and written in Italian or in English; a copy of the qualification with a translation into Italian or English.

As regards all other qualifications obtained abroad which the applicant intends to provide for the selection as required by the call, it is necessary to annex to the application a copy of the qualifications. Each annex must be in PDF format and must not be larger than 30 MB.

Pursuant to Law No. 183/2011, the Administration cannot accept or request certificates, but only declarations in lieu of certifications or affidavits submitted in substitution of the actual certificates signed by the applicant and submitted together with an unauthenticated photocopy of the applicant's valid identify document. The Administration has the right to carry out suitable controls on the truthfulness of the contents of the declarations in lieu pursuant to what provided for by Presidential Decree No. 445/2000.

The requirements and the qualifications must be owned on the date of the expiry of the call.

It is mandatory to indicate a personal e-mail address to which the communications concerning this selection will be sent. Any variation of said address must be promptly communicated to the Selections Office (Servizio Assegni di ricerca).

Article 6 Examining Commission

The Examining Commission is appointed with Chancellor's decree, upon proposal of the Structure's Council, at the expiry of the deadline for submitting the application.

The Commission is authorized to carry out the on-line procedure, in the understanding that such method can be adopted until the conclusion of the relevant works, guaranteeing the security and traceability of communications.

Article 7 Selection

During its first meeting, the Examining Commission will establish the assessment criteria and procedures explicitly, according to what provided for by the call, fixing a minimum score for admission to the interview.

The overall assessment is expressed in hundredths, as indicated hereafter:

- up to a maximum of 60 points for qualifications and scientific-professional curriculum; to that end, the following will be object of assessment:
 - graduation vote;
 - PhD (if not already provided for as requirement for admission);
 - specialisation degrees and certificates of attendance to postgraduate courses, obtained in Italy or abroad;
 - publications and other research products;
 - documented research activities – as long as the beginning date and duration of the activities are duly certified – carried out at the premises of public and private subjects with contracts, study grants or assignments, both in Italy and abroad;
- up to 40 points for the interview.

Within the context of its autonomy, the Commission can integrate the above, depending on the research project and on what provided for by this call.

The Commission will evaluate, in particular, what is indicated in Annex A

The applicants will be informed before the interview on the results of the assessment of the qualifications.



The Commission reserves the right to carry out the interview via videoconference, through the use of IT and digital tools, guaranteeing the adoption of technical solutions that ensure the publicity of the same, the identification of the participants, as well as the security of communications, and their traceability. Failed connection at the time established or late connection, unless due to force majeure, will be considered as a renunciation to participate in the selection.

During the interview, the Commission will verify the applicant's ability to cover the topics and themes related to the research project and his/her knowledge of at least one foreign language, according to what provided for by the call.

The interview program is indicated in Annex A

The assessment of the knowledge of the foreign language (or foreign languages) as provided for by this call will be carried out during the selection according to the modalities established by the Commission.

The Commission reserves the right to verify the knowledge of the Italian language for foreign candidates; in this case, Italian language knowledge will be ascertained under ineligibility penalty and will not compete for the final score, unless otherwise established by the Commission.

The date and place of the interview will be communicated with at least a 20-day notice through a communication published on the website of University of Bergamo <http://www.unibg.it>, under the section "Concorsi e selezioni-Assegni. Borse e contratti di ricerca-Assegni di ricerca" supervised by the Servizio Assegni di ricerca.

This notice is to all intents and purposes an official communication. Any changes related to the date of the interview will be communicated to the admitted applicants with at least a 20-day notice through the publication of a communication on the University's website under the section "Concorsi e selezioni-Assegni. Borse e contratti di ricerca-Assegni di ricerca".

Failure to show up at the interview will be considered as a renunciation to participate in the competition for all practical purposes.

At the end of the works, the Commission draws up the list of the applicants examined, indicating the votes obtained during the interview.

The Commission will draft the merit list in descending order according to the overall final score, which is obtained by adding the score of the qualifications and the score of the interview.

Applicants will be inserted in the merit list if they obtain at least 30 out of the 40 points available for the interview.

In the event of equal score, the PhD or equivalent qualification obtained abroad will constitute a preferential qualification, if not required for admission; in the event of equal merit, the younger applicant will be preferred.

The merit list is approved, under the condition precedent of verifying the requirements provided for by the call, with Chancellor's Decree and published on the website under the section "Concorsi e selezioni-Assegni. Borse e contratti di ricerca-Assegni di ricerca". The term for submitting any appeals will run from the date of publication.

Should the winning applicant renounce to or withdrawal from the contract, the grant can be awarded to successful applicants according to the order of the merit list, upon prior resolution of the Research Structure.

Article 8

Signing of the contract and withdrawal

The winning applicant, in possession of the mentioned requirements, will sign an autonomous work contract under private law with effect, normally, on the first day of the month following the month in which the acts are approved.

As regards foreign applicants needing a residence permit, the date of beginning of the contract will be postponed and subject to the completion of the issuing procedure of said permit.

In the event of admission with reservation for qualifications obtained abroad not recognized as valid in the Italian territory, the winner, prior to signing the contract must submit the documents requested by the office within the terms peremptorily established.

The winner of the selection, convoked by the Administrative Office to sign the contract, will lose the right to the grant for collaboration in research activities if he/she does not state to accept the contract



or does not begin the activity within the established term, without prejudice to health reasons or causes of force majeure duly and promptly documented.

Each grant as mentioned under Art. 1 can be renewed, under the terms and conditions provided for by the above-mentioned Regulations; in any case, the relationship established pursuant to Art. 22 of Law No. 240/2010, including the possible renewal, cannot last more than six years, including the possible renewal, with the exclusion of the period in which the grant was used in coincidence with the PhD within the maximum limit of the legal duration of the relevant course.

Article 9

Rights and obligations of the grant holder

The employment relationship is governed by an individual contract, according to what provided for by the applicable laws and by the University's Regulations.

The research activity is flexible, it has a continuous nature, not merely occasional, and is carried out under the leadership of the Scientific Director, with autonomous conditions as to the research programme and its realisation, without any predetermined working hours.

The grant holder must refer to the Research structure that requested the activation of the contract.

The research activity of the grant holder is carried out within the context of the relevant Structure and in other Structures of the University on the basis of the research programme. Any research activities conducted outside of the University must be approved by the Council of the Research structure.

A period of permanence abroad is allowed at one or more qualified universities or research institutes, upon prior authorisation of the Council of the Research structure. During the period spent abroad, the amount of the grant will be increased by fifty percent to be charged to the Structure of reference or to the funds assigned to the Research structure.

The grant holder can participate in all the activities programmed by the Research structure for the promotion of researches and the dissemination of relevant results; he/she can be a member of the profit exams commissions, in quality of expert.

The Research structure must provide the grant holder all necessary support for realising his/her research programme, guaranteeing access to the equipment, the necessary resources and the use of the technical-administrative services.

The grant holder must comply with what provided for by the University's applicable Regulations on research integrity and ethics.

The winner of the selection who is entitled to the grant, at the time of the signature of the individual contract, should be committed, under penalty of forfeiture of the right to the research grant, to confidentiality and preventive transfer to the University of all intellectual property rights relating to the results produced and/or achieved during the research activities carried out at the University and she/he has the right to be recognized as the author of the his/her results achieved and/or products. The University recognizes the application of the same economic conditions that the University Patent Regulation grants to its Professors/Researchers.

The research fellow may participate in activities performed on behalf of third parties pursuant to art. 66 of Presidential Decree 382/80, in the context of issues related to its project, and the distribution of related proceeds, in accordance with the current University Regulations on the subject.

Article 10

Taxes, welfare, insurance and mission

With reference to taxes, the grants are subject to what provided for under Art. 4 of Law No. 476/1984, while as regards welfare, they are subject to what provided for under Art. 2, paragraph 26 and following, of Law No. 335/1995, and following amendments. With reference to mandatory maternity leave, they are subject to what provided for by the Decree of the Ministry of Labour and Welfare of 12 July 2007, published in the Official Gazette No. 247 of 23 October 2007, and, as regards sickness leave, they are subject to what provided for by Art. 1, paragraph 788, of Law No. 296 of 27 December 2006, and following amendments.



In the period of mandatory maternity leave, the bonus paid by INPS pursuant to Art. 5 of the mentioned Decree of 12 July 2007 is integrated by the University up to the payment of the total amount of the research grant.

The University will cover the grant holder's accident insurance and civil liability toward third parties' insurance within the scope of his/her research activity.

The covering of the grant holder's mission expenses is financed through the funds of the Scientific Director in charge or the Research structure, according to the modalities provided for by the University's regulations as to missions.

Article 11

Processing of personal data

In accordance with articles 13 and 14 of Regulation (EU) 2016/679 (GDPR), on the protection of personal data, and with D. Lgs. n. 196 /2003 and subsequent amendments, it is made known that data is controlled and managed by the legal representative of the University of Bergamo, via Salvecchio 19, - 24129 Bergamo.

Data will be collected exclusively for the present bid purposes and will be kept only for the necessary time to complete the relevant procedures. The data treatment controller will be appointed within the managing unit in charge of bidding procedure, who will carry out the treatment with all due respect of propriety, legitimacy, scope, transparency and confidentiality of the treatment; and data will be used exclusively for purposes connected to the selection and further conferment of the role and possible contract drafting, as well as management of the following employment position, in compliance with current regulations. Data will be kept for the necessary time to accomplish the selection purposes, subject to the application of norms on document retention, and will be transferred uniquely to public administration bodies directly concerned with the juridical and economic position of the selected applicant, treated in compliance with current regulations and used for personal, welfare, insurance and fiscal position management. Data will be handled by appointed staff through the acquisition of printed and electronic documents and using, even digitalised, filing procedures, to guarantee confidentiality; data treatment will be carried out through a coordinated organization and processing system, applying elevated safety standards. Furthermore, data will not be used for profiling. Applicants who have provided their personal data will be able to access it and exercise their rights as by art. 16 to 22 of GDPR UE 2016/679. Any safeguard request can be addressed to the University Data Protection Officer, who can be contacted through the university website (Privacy and Personal Data Protection section), e-mail dpo@unibg.it. In addition to the right of complaint which can be presented to the Italian Data Protection Authority, Piazza Venezia 11, 00187 Roma.

By presenting their application, candidates thereby authorise and fully consent to publication on the University institutional website of all information concerning the current bid, their own data and the contents of their CV in accordance with 111-bis of D.Lgs.196/2003 stating that, within the scope limits defined by art. 6, par. 1, letter b), of the Regulation, consent is not due for personal data present in a submitted CV.

Article 12

Person in charge of the procedure

The Person in charge of the selection procedure within this call is Dr. Domenico Panetta, manager of Area risorse umane, Via dei Caniana, 2 - 24127 Bergamo, phone (+39) 035 2052 669 - 583 - 878, e-mail address: assegni.ricerca@unibg.it.

Article 13

Publication

This call is published in the University's Official Registry, on the website of the Conference of the Italian University Chancellors (www.cru.it), on the website of the Ministry of Education, Research and University (MIUR) at the link <http://bandi.miur.it>, and on the website of the European Union at the link <http://ec.europa.eu/euraxess> in the form of a notice.

The full competition and related annexed forms are available on the website of the University of Bergamo www.unibg.it under the specially devoted section "*Concorsi e selezioni-Assegni. Borse e contratti di ricerca-Assegni di ricerca*".



**UNIVERSITÀ
DEGLI STUDI
DI BERGAMO**

Area
Risorse Umane

Servizio Personale TA e
collaboratori

The call is also published on “*Piattaforma Integrata Concorsi Atenei*” (PICA) – link <http://pica.cineca.it/unibg/> from which it is possible to fill the application online for participation at the selection.

Article 14

Final provisions

For all matters not provided for by this call, the following will be applied: Law No. 240/2010 and following amendments and integrations, the University’s Regulations on the awarding of research grants, the University’s Regulations in force, and the Regulations on employment relationships in the public administration.

Bergamo, *as per protocol registration*

THE CHANCELLOR
(Prof. Sergio Cavalieri)
Documento firmato digitalmente ai sensi
dell’art. 24 del D. Lgs. 82/2005



ANNEX A

RESEARCH PROJECT - CODE 1

“Caring for Children with an Immigrant Background: A Cross-Sequential Longitudinal Study on Kindness Pillars and the Role of Dispositional and Contextual Factors in Early Childhood”

Research structure: Department of Humanities and social sciences
Department Resolution: 23.10.2023

Resolution of the Academic Senate: 20.11.2023
Resolution of the Board of Directors: 23.11.2023

Gross annual amount: € 20.256,00

Financial coverage:

BIAN_F_22_RN_PRIN_01 - CUP: F53D23006170001 - ID MUR: 20228W9NE7_03

Duration of the grant: 18 months

Scientific Area: 11 History, philosophy, pedagogy and psychology
Competition sector: 11/E2 - Developmental and Educational Psychology
Scientific disciplinary sector: M-PSI/04 - Developmental and Educational Psychology

Scientific Director: Prof.ssa Federica Bianco

Entry requirement:

Diploma di Laurea Specialistica (LS) o Laurea Magistrale (LM) in Psicologia (classi LM 51 o 58/S) ed equiparati, ovvero Diploma di Laurea (DL) conseguito secondo le modalità precedenti all'entrata in vigore del D.M. 509/1999 e s.m.i. e titoli equipollenti ai fini dell'ammissione ai pubblici concorsi

Knowledge of the language: English and Italian

Additional qualifications evaluated by the Commission:

- Participation in national or international research projects with data collection on developmental age
- Doctorate on issues of Developmental Psychology
- Experience in research on theory of mind and socio-emotional skills in preschool and school age

Interview schedule:

- Methodology of research in developmental psychology
- Relation among theory of mind and social relationships in pre-schoolers

Description of the research project:

The research is inserted within the PRIN funded project “Caring for Children with an Immigrant Background: A Cross-Sequential Longitudinal Study on Kindness Pillars and the Role of Dispositional and Contextual Factors in Early Childhood” (PI: Prof. Stefania Sette of Sapienza University; local unit manager: Prof. Federica Bianco of the University of Bergamo).

Identifying dimensions and antecedents of kindness toward children with an immigrant background (IB) is a fundamental educational goal to promote a climate of care and inclusion since preschool, especially in a period of conflicts and global crises (MI, 2022). According to Malti's model (2021), being kind requires (1) feeling concern for others' conditions (i.e., sympathy), (2) understanding other's mental perspectives (i.e., theory of mind – ToM), and (3) displaying voluntary behaviors to benefit others (i.e., prosocial behavior). Despite accumulating evidence supporting Malti's model (e.g., Eggum et al., 2011), there are still uninvestigated issues related to the emergence of kindness in early



childhood. Firstly, most researchers have focused their attention on general sympathy, ToM, and prosocial behaviors, but less is known about how young children differentiate their emotions, perspectives, and prosocial behaviors as a function of the features of recipients (e.g., autochthonous vs. IB peers).

Secondly, while theoretically most scholars emphasize that kindness depends on the interplay between child dispositions (e.g., temperamental characteristics) and contextual factors (e.g., educational and socialization practices) (Malti, 2021; Malti & Dys, 2018), this premise is so far largely unexplored. Given this state of the art of literature and the unquestionable developmental advantage of kindness throughout the lifespan (e.g., mental health development; Nantel-Vivier et al., 2014), the project aims at longitudinally investigating the emergence of the three pillars of kindness. Innovatively, the study considers young children in preschool, when they begin to differentiate others based on specific characteristics of social groups (e.g., skin color; Nesdale, 2004). Moreover, it aims at enlarging the focus to the role of dispositional (i.e., temperamental characteristics, sleep regularity) and contextual factors (i.e., the relationships with parents, teachers, and peers; parents' and teachers' socio-cognitive and emotional competence and attitudes towards immigrants) on preschool children's kindness toward IB peers. By implementing a cross-sequential design (Schaie & Strother, 1968), a two-wave longitudinal study with 3- and 4-year-olds will be realized. Children will participate in tasks to assess sympathy, ToM, and prosociality toward autochthonous vs. IB peers.

Dispositional factors and contextual ones related to the family and school will be assessed.

Results will lead to a comprehensive kindness model to better support teachers, parents, and practitioners in developing new intervention practices to promote inclusive and respectful classroom contexts since preschool years.



RESEARCH PROJECT - CODE 2

"Cultural communities and Books of Verse: The Italian context. Census, digital database, critical study."

Research structure: Department of Letters, Philosophy, Communication
Department Resolution: 17.10.2023

Resolution of the Academic Senate: 23.10.2023
Resolution of the Board of Directors: 25.10.2023

Gross annual amount: € 20.256,00;

Financial coverage:

PRIN 2022 - Project code: CARM_C_22_RN_PRIN_01 - CUP: F53D23007670006 - MIUR: 2022HYE33P

Duration of the grant: 18 months

Scientific Area: 10 - Antiquities, philology, literary studies, art history

Competition sector: 10/F1 - Italian Literature

Scientific disciplinary sector: L-FIL-LET/11 - Contemporary Italian Literature

Scientific Director: Prof.ssa Clizia Carminati

Entry requirement:

Diploma di Laurea Specialistica (LS) o Laurea Magistrale (LM) in Letteratura italiana (classi LM-14 Filologia moderna o 16/S 0 40/S Lingua e cultura italiana) ed equiparati, ovvero Diploma di Laurea (DL) conseguito secondo le modalità precedenti all'entrata in vigore del D.M. 509/1999 e s.m.i. e titoli equipollenti ai fini dell'ammissione ai pubblici concorsi.

Knowledge of the language: English, Latin

Additional qualifications evaluated by the Commission:

- Documented Research Experience On Seventeenth-Century Poetry, Particularly On Giovan Battista Marino
- Documented Experience Of Research Collaboration In Digital Projects On Italian Studies On The Renaissance And Modern Periods, Particularly On Relational Databases
- Research Experience On Xvii Century Book History
- Experience In Tutoring Bachelor And Master's Students In The Introduction To Digital Humanities Applied To Italian Literature

Interview schedule:

The interview will focus on the history of Italian poetry from the Renaissance to the late 17th century with analysis of concrete examples and ancient books and particular attention to their treatment for inclusion in a relational database.

Description of the research project:

The candidate will have to follow entirely the PRIN project "Cultural communities and Books of Verse: the Italian context" funded by the MUR. Once the research group has listed the volumes of lyric poetry of a single author as well as of more authors, published in the period 1600-1699, the candidate will contribute to (1) populate the Lyra database (lyra.unil.ch) with the volumes data; (2) enrich the census



**UNIVERSITÀ
DEGLI STUDI
DI BERGAMO**

Area
Risorse Umane

Servizio Personale TA e
collaboratori

and (3) cooperate with the PI in the coordination and tasks assignment to all the project collaborators. The candidate will be responsible for entering the volumes of 20 years assigned to the Bergamo unit, and describing their structures. In addition, the candidate will collaborate in the foundation and tutoring of the "Poetry 17" section of the "Italian Literature and Digital Humanities" internship by following the students involved and reviewing their work for inclusion in the Lyra website. He/she will also participate in the definition of the website back-end and in the selection of volumes dedicated to cultural communities: one or more of them will be the topic of at least one scientific class-A paper.



RESEARCH PROJECT - CODE 3

"Green infrastructure, policies on green spaces, and health outcomes: evidence from six small and medium-sized Italian cities for future urban adaptation plans"

Research structure: Department of Engineering and Applied Sciences

Department Resolution: 09.10.2023

Resolution of the Academic Senate: 23.10.2023

Resolution of the Board of Directors: 25.10.2023

Gross annual amount: € 22.680,00;

Financial coverage:

PRINN PNRR2022 - "Urban green infrastructure, policies on green spaces and health outcomes: evidence from six small and medium-sized Italian cities for future urban adaptation plans" - project code: GARD_E_22_RN_PRIN_02 - CUP: F53D23010860001

Duration of the grant: 24 months

Scientific Area: 08 - Civil engineering and architecture

Competition sector: 08/F1 - Urban and Territorial Planning and Design

Scientific disciplinary sector: ICAR/20 - Urban and Regional Planning

Scientific Director: Prof. Emanuele Garda

Entry requirement:

Diploma di Laurea Specialistica (LS) o Laurea Magistrale (LM) in Pianificazione territoriale urbanistica e ambientale (classe LM-48 o 54/S) oppure in Ingegneria dei sistemi edilizi (classe LM-24 o 28/S Ingegneria civile) oppure in Ingegneria per l'ambiente e il territorio (classe LM-35 o 38/S) oppure in Architettura e ingegneria edile-architettura (classe LM-4 o 4/S) oppure in Architettura del paesaggio (classe LM-3 o 3/S) oppure in Scienze e tecnologie per l'ambiente e il territorio (classe LM-75 o 82/S) oppure in Scienze geografiche (classe LM-80 o 21/S Geografia) oppure in Progettazione e gestione dei sistemi turistici (classe LM-49 o 55/S) oppure in Filologia moderna (classe LM-14 o 16/S o 40/S Lingua e cultura italiana) oppure in Lingue e letterature moderne europee e americane (classe LM-37 o 42/S) ed equiparati, ovvero Diploma di Laurea (DL) conseguito secondo le modalità precedenti all'entrata in vigore del D.M. 509/1999 e s.m.i. e titoli equipollenti ai fini dell'ammissione ai pubblici concorsi.

Knowledge of the language: English

Additional qualifications evaluated by the Commission:

- Research experience in Italy or abroad on topics consistent with the content of the research project;
- Possible possession of a PhD degree with doctoral thesis consistent with the topics covered by the research project;
- Knowledge of GIS and spatial analysis software and their use in research and/or professional experience.

Interview schedule:

The interview involves assessing the theoretical knowledge and application skills of the candidates with respect to the topics presented in the research project. In particular, the following topics will be addressed: i) correlations between city structure, urbanization of soils and health status of individuals;



ii) land use and urban planning policies and tools for the management and implementation of green areas in urban contexts; iii) analysis of urban spaces, iv) application of tools and software GIS for spatial analysis.

Description of the research project:

The objective of the study is to define whether there is a correlation between city structure (spatial and functional), urban green space policies, and citizen health outcomes. In particular, a number of medium-sized Italian cities with common characteristics but with a different relationship between spatial structure and green areas due to their specific morphological configuration will be analyzed. From the perspective of citizen health, the project will focus on diseases related to metabolic syndrome and mental health.

The following issues will be analyzed for each city:

- The health status of the population, also using data provided by a sample of general practitioners.
- Presence and type of green areas and open spaces in cities.
 - Content and purpose of urban and town planning policies regarding green areas, green infrastructure and related Ecosystem Services.
- Content and purpose of climate change adaptation plans.

The research will also involve:

- Participation in meetings with project partner.
- Participation in round tables, workshops, and other dissemination activities.
- The preparation of research reports and guidelines, integrated with human health issues, necessary for the implementation of policies for green areas and fighting climate change.
- Participation in the preparation of scientific products for dissemination in national and international contexts.



RESEARCH PROJECT - CODE 4

“Tailor-made Light Alloys for Light Vehicles Modular Design”

Research structure: Department of Engineering and applied sciences

Department Resolution: 10.11.2023

Resolution of the Academic Senate: 20.11.2023

Resolution of the Board of Directors: 23.11.2023

Gross annual amount: € 20.256,00;

Financial coverage:

PRIN 2022 - “Tailor-made Light Alloys for Light Vehicles Modular Design” - project code:
LORE_S_22_RN_PRIN_01 - CUP: F53D23002550006

Duration of the grant: 12 months

Scientific Area: 09 Industrial and information engineering

Competition sector: 09/D1 - Materials Science and Technology

Scientific disciplinary sector: ING-IND/22 - Materials Science and Technology

Scientific Director: Prof. Sergio Lorenzi

Entry requirement:

Diploma di Laurea Specialistica (LS) o Laurea Magistrale (LM) in Ingegneria meccanica (classi LM-33 o 36/S) ed equiparati, ovvero Diploma di Laurea (DL) conseguito secondo le modalità precedenti all'entrata in vigore del D.M. 509/1999 e s.m.i. e titoli equipollenti ai fini dell'ammissione ai pubblici concorsi and equivalent qualifications.

Knowledge of the language: English

Additional qualifications evaluated by the Commission:

- Experimental thesis on the topic of the present grant or topics related to the research grant activities;
- Knowledge of materials and techniques for characterizing chemical, physical and mechanical properties;
- Specific laboratory experience in the use of experimental materials characterization techniques involved in the grant activities;
- Knowledge of metallic materials and corrosion and protection of materials;
- Laboratory experience and knowledge of electrochemical equipment and techniques for corrosion and stress corrosion cracking testing;
- Experimental research experience in the field of materials and development of experimental test setups;
- Knowledge of 3D printing and laser powder bed fusion systems;
- Skills in the field of metallic materials, characterization of materials and raw materials;
- Knowledge of software packages for materials simulation;
- Experience in the characterization and qualification of 3D printing materials.

Interview schedule:

The oral examination will focus on typical topics of ssd ING-IND/22, more specifically:

- Correlation between structure and properties of materials
 - Metallic materials, light alloys and corrosion-resistant alloys
 - Corrosion and protection of metals, electrochemical techniques for the study of corrosion



- Materials for additive technologies and 3D metal printing
- Techniques for the advanced characterization of materials

Description of the research project:

The aim of the research project is the development and properties assessment of an innovative high-strength lightweight alloy for light electric vehicles manufacturing. According to the European Union, the transport sector produces the 28% of the total carbon dioxide (CO₂) and the use of Electric Vehicles (EVs) or assisted vehicles should be viable solutions to reduce emissions. Hybrid mobility should also increase the health quality of citizens by promoting active mobility, thus decreasing sedentariness diseases. In this view, the development of agile modular vehicles could catalyse the mobility transition to more distributed and clean solutions, simpler and more compact, affordable with reduced maintenance costs and readily available. The lightweighting trends in mobility driven by sustainability, cost savings, and performance increased the demand for materials and design concepts able to overcome the basic weight reduction and structural efficiency limits. Particular attention is paid to light metals, recyclable and flexible in terms of performances which can be further enhanced by innovative design solutions enabled by additive manufacturing (AM) technologies, mainly laser powder bed fusion (LPBF). Extremely fine microstructures characterized by outstanding mechanical properties as well as improved components stiffness due to the almost infinite design solutions. In addition, the powder feedstock used for the manufacturing can be tailor-made inside gas atomizers, which enable the development of brand-new alloys designed to overcome traditional alloys compositions, performances as well as durability. Among them, alloys based on Al-Si- Mg system with addition of elements like Cu or Ni, or with addition of ceramic micrometric reinforcements, such as TiC or TiB₂, are very promising and some preliminary studies seem to offer outstanding outlooks that can fit well with the requirements of electric mobility transition. In the last years, several studies pointed out that LPBF alloys has unique properties which led to different behaviours compared to the same alloys processed through conventional processes in terms of corrosion, fatigue, and corrosion-fatigue resistance. Corrosion performances must be investigated as they affect the material durability, which is strictly connected to sustainability and safety. Since several years the collaboration between Politecnico di Torino - leader in the development of new alloys by AM - and the Università degli Studi di Bergamo - recognized at international level for the specific expertise in the study of corrosion behaviour of alloys produced by means of LPBF - is well established. In the present project, the two teams will be involved in the design and production by gas atomization of a new alloy to be manufactured by LPBF for modular EVs and then in the microstructural and mechanical characterization as well as in the corrosion, stress corrosion cracking and corrosion-fatigue characterizations.



RESEARCH PROJECT - CODE 5

"Collection, processing, harmonization, and statistical analysis of spatiotemporal sensor data on mobility and environment"

Research structure: Department of Economics

Department Resolution: 19.10.2023

Resolution of the Academic Senate: 23.10.2023

Resolution of the Board of Directors: 25.10.2023

Gross annual amount: € 24.300,00;

Financial coverage:

PRIN-PNRR-2022 - project: SIGNUM - CUP: F53D23010910001 - project code: ETU_R_22_RN_PRIN_SIGNUM_01;

A.2 - Personale da reclutare (primi 12 mesi);

A.1 - Personale scientifico dipendente e non dipendente UniBg (12 mesi eventuale rinnovo).

Duration of the grant: 12 months (annual renewal option)

Scientific Area: 13 - Economics and statistics

Competition sector: 13/D1 - Statistics

Scientific disciplinary sector: SECS-S/02 - Statistics for Experimental and Technological Research

Scientific Director: Prof. Rodolfo Metulini

Entry requirement:

Diploma di Laurea Specialistica (LS) o Laurea Magistrale (LM) ed equiparati in Scienze statistiche (classi LM-82 o 91/S Statistica economica, finanziaria ed attuariale) oppure in Scienze Statistiche Attuariali e Finanziarie (classi LM-83 o 91/S) oppure in Statistica demografica e sociale (classi 90/S o LM-82 Scienze statistiche) oppure in Metodi per l'analisi valutativa dei sistemi complessi (classi 48/S o LM-82) oppure in Statistica per la ricerca sperimentale (classi 92/S o LM-82) oppure in Ingegneria informatica (classi LM-32 o 35/S) oppure in Ingegneria gestionale (classi LM-31 o 34/S) oppure in Ingegneria Meccanica (classi LM-33 o 36/S) oppure in Modellistica Matematico-Fisica per l'Ingegneria (classi LM-44 o 50/S) oppure in Matematica (classi LM-40 o 45/S) ed equiparate, ovvero Diploma di Laurea (DL) conseguito secondo le modalità precedenti all'entrata in vigore del D.M. 509/1999 e s.m.i. e titoli equipollenti ai fini dell'ammissione ai pubblici concorsi.

Knowledge of the language: English, Italian

Additional qualifications evaluated by the Commission: /

Interview schedule:

The interview will ascertain the applicant's qualifications, knowledge of the English language, and expertise in the project's subject matter. Particular attention will be paid to knowledge about i) Elements of basic Statistics and regression models; ii) (Big) spatial, spatiotemporal data management and statistical analysis of such data; iii) Programming knowledge in a statistical software environment.

Description of the research project:

The research project is part of the PRIN PNRR 2022 SIGNUM: Study of mobile phone signals for the evaluation of the interconnections between Mobility and the environment in Lombardy" (CUP: F53D23010910001). The candidate will be asked to carry out i) a review of the literature (state of the



**UNIVERSITÀ
DEGLI STUDI
DI BERGAMO**

Area
Risorse Umane

Servizio Personale TA e
collaboratori

art) on the typology of sensor data coming from mobile phones and their use in statistical applications; ii) selecting, collecting and processing mobile phone data in order to create a complete and manageable dataset; iii) harmonizing this dataset with a dataset relating air quality, with the use of appropriate statistical interpolation techniques (e.g. smoothing). A subsequent phase will concern the study of the complex relations between the features of the final obtained dataset containing mobile phone data on crowding and mobility data as well as environmental and air quality data.



RESEARCH PROJECT - CODE 6

“Governing the socio-ecological reconciliation of the mobility infrastructures: geographies, actors, and processes at the local scale”

Research structure: Department of Engineering and Applied Sciences

Department Resolution: 09.10.2023

Resolution of the Academic Senate: 23.10.2023

Resolution of the Board of Directors: 25.10.2023

Gross annual amount: € 20.256,00;

Financial coverage:

PRIN PNRR 2022 “SEW Line. Socio-Ecological Way for a holistic mobility infrastructure planning in periurban and rural landscape” - Project code: PARI_M_22_RN_PRIN_SEWLINE_01 - CUP: F53D23010770001

Duration of the grant: 24 months

Scientific Area: 08 - Civil engineering and architecture

Competition sector: 08/F1 - Urban and Territorial Planning and Design

Scientific disciplinary sector: ICAR/21 - Urban Design and Landscape

Scientific Director: Prof. Mario Paris

Entry requirement:

Diploma di Laurea Specialistica (LS) o Laurea Magistrale (LM) in Pianificazione territoriale urbanistica e ambientale (classe LM-48 o 54/S) oppure in Scienze geografiche (classe LM-80 o 21/S Geografia) oppure in Architettura del paesaggio (classe LM-3 o 3/S) oppure in Architettura e ingegneria edile-architettura (classe LM-4 o 4/S) oppure in Ingegneria dei sistemi edilizi (classe LM-24 o 28/S Ingegneria civile) ed equiparati, ovvero Diploma di Laurea (DL) conseguito secondo le modalità precedenti all'entrata in vigore del D.M. 509/1999 e s.m.i., o equipollente titolo straniero, riconosciuto valido secondo le vigenti disposizioni normative.

Knowledge of the language: English

Additional qualifications evaluated by the Commission:

- Previous experiences in study and researches on the topics covered by the call, and focused on the aspects of collaboration and interaction with the local scale and local actors;
- Specialization or training courses on the themes of the research project already attended by the candidate;
- Previous experiences and/or collaborations with local authorities and third sector entities active in the field of territorial protection and local promotion.

Other experiences and qualifications of the candidates possibly subject to evaluation:

- Advanced knowledge of GIS software;
- Advanced knowledge of CAD software;
- Advanced knowledge of other geographical analysis and representation software packages;
- Previous experience or activities, if any, in listening to local communities, interaction with local entities, and/or social animation and participation activities.



Interview schedule:

The interview aimed at assessing the candidate's profile and his/her aptitude for the research object of the research, based on the relevance of qualifications with the research programme object of selection, the consistency of the candidate's overall profile with respect to the content of the research programme object of selection, the relevance of experiences, publications, thesis and scientific products presented with the research programme object of selection and the candidate's aptitude for the research object of the selection.

Description of the research project:

The aim of the project dealing with the Governance of the infrastructure insertion process (railways and motorways) connected to the all'Autostrada A58 BreBeMi and the AC/AV railway Milan-Venice. The candidate will focus on the role of institutional and non-institutional local actors. Over the two years of the involvement, the candidate will document the territorial relationship systems and the governance processes of the case studies, actively collaborating in the implementation of the workshops.

The candidate will explore the stratification of socio-territorial processes of the contexts within which the case studies are developed. Thanks to this, it will be possible to reconstruct the man-nature relationship over time and to identify the functional specificities of the territory and to deepen - or prefigure - the impacts deriving from the insertion of large infrastructures. This information will be the basis for giving a diagnostic reading of the territorial context of the case studies and for identifying the areas of influence of the interventions and the actors involved in the processes.

The candidate will work closely with the supervisor and team of the Local Research Unit and other project partners and will be expected to collaborate in information management and transmission activities, report writing and scientific products, as well as dissemination of research results and public engagement activities with respect to the topics under study.



RESEARCH PROJECT - CODE 7

"Business Models for Local Delivery Platforms"

Research structure: Department of Business Science

Department Resolution: 17.10.2023

Resolution of the Academic Senate: 23.10.2023

Resolution of the Board of Directors: 25.10.2023

Gross annual amount: € 20.220,00;

Financial coverage:

PRIN 2022 - project code: PEDE_G_22_RN_PRIN_01 - CUP: F53D23002920006 - MUR: 20227SC9CC_03

Duration of the grant: 12 months

Scientific Area: 13 - Economics and statistics

Competition sector: 13/B2 - Management

Scientific disciplinary sector: SECS-P/08 - Management

Scientific Director: Prof. Giuseppe Pedeliento

Entry requirement:

Diploma di Laurea Specialistica (LS) o Laurea Magistrale (LM) in Scienze economico-aziendali (classi LM-77 o 84/S) ed equiparati, ovvero Diploma di Laurea (DL) conseguito secondo le modalità precedenti all'entrata in vigore del D.M. 509/1999 e s.m.i. e titoli equipollenti ai fini dell'ammissione ai pubblici concorsi.

Knowledge of the language: English

Additional qualifications evaluated by the Commission: /

Interview schedule:

During the interview, besides assessing English proficiency, candidates will be required to discuss and provide further details about their previous experiences, eventual publications and other scientific outputs presented for the initial screening.

Description of the research project:

With platform economy becoming a hegemonic model in market exchanges, consumers are now getting used to the idea of receiving items ordered online in hours and not days, and companies are pressured to move toward an instant delivery-of-everything world. This trend, pushed by Covid-19, has created a new business environment in which large, global, multi-sided platforms are competing with local, small-scale initiatives. Even if large multi-sided platforms (e.g. Amazon, Deliveroo, Glovo) allow small and medium businesses to grow, they are criticized for the huge quantities of packaging used, undignified working conditions, impersonal standardized digital interface, increased transportation's usage and emissions. Some platforms have recently started to change the last mile delivery toward more sustainable solutions. For instance, they use cargo-bikes and low impact solutions offered by express couriers (e.g. Bartolini, TNT), typically used by local platforms. Moreover, they are questioned for their disproportionated power as gatekeepers and for the exploitation and asymmetries they create against local suppliers.

Local delivery platforms may have the unprecedented opportunity to overcome these drawbacks. Nevertheless, an overall framework still lacks for guiding the design and management of local



platforms in developing a new competitive positioning, in which local resources are protected and promoted in the interest of local stakeholders (suppliers, consumers and the local community) in order to compete with larger platforms.

The aim of the project is to define a prototype of a local delivery platform that creates value by promoting and leveraging local resources while meeting local stakeholders' needs. Local delivery platforms are poised to generate profits at scale as they actively integrate multiple impacts on the society and the environment and put consumers at the core of their business model. Thus, local platforms differentiate from large ones, as they focus on environmental and social value drivers, and purposefully distance themselves from logistics, convenience, and other operational value drivers.

Therefore, the project addresses the following question: Which characteristics should a business model for local delivery platforms have to respect the environment and the society while putting the relationship with local stakeholders at its focus? This project has at its core the ability to bring business and local society together while competing with big online platforms which drain resources from the local context.



RESEARCH PROJECT - CODE 8

"Aesthetic and creativity in supporting the cognitive functioning of neurological patients: validation of a new e-health rehabilitation protocol (CLICK)"

Research structure: Department of Humanities and Social sciences

Department Resolution: 24.10.2023

Resolution of the Academic Senate: 20.11.2023

Resolution of the Board of Directors: 23.11.2023

Gross annual amount: € 19.367,00;

Financial coverage:

RUSC_M_22_RN_PRIN_01 - CUP: F53D23012550006 - ID MUR: 202287WTN4_02

Duration of the grant: 12 months

Scientific Area: 11 - History, philosophy, pedagogy and psychology

Competition sector: 11/E1 - General Psychology, Psychobiology and Psychometrics

Scientific disciplinary sector: M-PSI/02 - Psychobiology and Physiological Psychology

Scientific Director: Prof.ssa Maria Luisa Rusconi

Entry requirement:

Diploma di Laurea Magistrale (LM) in Psicologia (classe LM-51 o 58/S) ed equiparati, ovvero Diploma di Laurea (DL) conseguito secondo le modalità precedenti all'entrata in vigore del D.M. 509/1999 e s.m.i. e titoli equipollenti ai fini dell'ammissione ai pubblici concorsi.

Knowledge of the language: English

Additional qualifications evaluated by the Commission:

Previous research experience of the candidate in areas inherent and/or related to the research project (creativity, divergent thinking, cognitive/psychological assessment, cognitive training, neuropsychology, aging).

Interview schedule:

The interview will be aimed at ascertaining and verifying, also through the discussion of the titles presented and the research carried out by the candidate, the ability and experience to collaborate in the research program covered by this competition notice. The interview will focus on the research project and the scientific production of the candidate and will also ensure knowledge of the English language.

In particular, the interview will focus on the following topics:

- Theories and methodology of research in the field of healthy and pathological aging;
- Application of cognitive and behavioral interventions in neurological and neurodegenerative diseases;
- Any empirical research carried out by the candidate on topics related to the research project.

Description of the research project:

Cognitive/behavioural deficits related to stroke and degenerative pathologies are becoming increasingly common in relation to ageing populations. As a result, there is a progressive interest in the development of computerized rehabilitation tools, despite the awareness of some limitations on overall effectiveness. The project aims to validate a new computerized cognitive rehabilitation tool for



**UNIVERSITÀ
DEGLI STUDI
DI BERGAMO**

Area
Risorse Umane

Servizio Personale TA e
collaboratori

patients suffering from mild cognitive impairment or stroke. The main objective is to increase the effectiveness of the intervention by combining cognitive training with a motivational protocol, based on aesthetic gratification and the enhancement of creativity, in line with recent literature that demonstrates the role of aesthetic gratification on the intrinsic motivation of individuals and with the proven contribution of creativity in rehabilitation programs, positively influencing mood and cognitive functioning. Click is proposed as an innovative personalized medicine tool, able to improve the autonomy and quality of life of patients.



RESEARCH PROJECT - CODE 9

"Chinese complementary schools in Italy and their learners: analysis of political, teaching and identity-related aspects"

Research structure: Department of foreign languages, literatures and cultures

Department Resolution: 09.10.2023

Resolution of the Academic Senate: 23.10.2023

Resolution of the Board of Directors: 25.10.2023

Gross annual amount: €20.256,00;

Financial coverage:

P2022E72WS_01 - PELL_T_22_RN_PRIN_ECCO-ITALY_01 - F53D23010610001

Duration of the grant: 24 months

Scientific Area: 10 Antiquities, philology, literary studies, art history

Competition sector: 10/N3 - Central and East Asian Cultures

Scientific disciplinary sector: L-OR/21 - Chinese and South Asian Languages and Literatures

Scientific Director: Prof.ssa Martina Caschera

Entry requirement:

Diploma di Laurea Specialistica (LS) o Laurea Magistrale (LM) ed equiparati, ovvero Diploma di Laurea (DL) conseguito secondo le modalità precedenti all'entrata in vigore del D.M. 509/1999 e s.m.i. e titoli equipollenti ai fini dell'ammissione ai pubblici concorsi.

Knowledge of the language: Chinese, English, Italian

Additional qualifications evaluated by the Commission:

- PhD related to sector 10/N3 - CULTURES OF CENTRAL AND EASTERN ASIA, SSD L-OR/21 LANGUAGES AND LITERATURES OF CHINA AND SOUTH EASTERN ASIA;
- Any scientific publications related to the Chinese community in Italy and/or the world;
- Participation in and/or conduction of research groups on the subject of migrant communities in Italy, including the Chinese community;
- Participation in and/or conducting activities at or on behalf of public or private organisations on the subject of migrant communities, including the Chinese community;
- Professional activities for the benefit of migrant communities, including the Chinese community.

Interview schedule:

The interview will be aimed at ascertaining the ability to approach the analysis of the Chinese community, with particular attention to educational aspects, with the methodologies of anthropological investigation. Previous experience of contact with the Chinese community and analysis of aspects related to their condition in Italy is required. Knowledge of languages will be ascertained during the interview.

Description of the research project:

The project ECCO-Italy (Education of Children of Chinese Origin in Italy) aims to investigate the patterns of language socialization of the latest generations of young people of Chinese origin. Specifically, the patterns emerging at Chinese complementary schools (huawen xuexiao) in Italy will be explored: hence, the subjects of our research will be heritage language learners (HLL). Among the several aspects constituting the process of language socialization, ECCO-Italy project will pay



particular attention to 1) the long-term effects that HL learning determines on the process of learning the language of the host community (Italian). For this purpose, phenomena of language socialization in the environment in which they formally learn Italian, the compulsory school, will be taken into account as well. Furthermore, the members of ECCO-Italy project will 2) assess the possible influence of contemporary language ideology, as narrated by the People's Republic of China, on the various articulations of Chinese complementary schools on the Italian territory. Both aspects are reckoned pivotal in the process of socialization into the communities into which children of Chinese origin are introduced: into the communities of so-called first-generation Chinese migrants, into the communities of European Italian people, and into the communities formed by individuals who share the experience of growing up in Italy within Chinese families. The research will show that when education based on policies enhancing a fully bilingual education is implemented, language socialization may prove helpful in a process of inclusive growth into society.



RESEARCH PROJECT - CODE 10

"Interpretation of cone penetration tests in unconventional soils"

Research structure: Department of Engineering and Applied Sciences

Department Resolution: 09.10.2023

Resolution of the Academic Senate: 23.10.2023

Resolution of the Board of Directors: 25.10.2023

Gross annual amount: € 22.284,00;

Financial coverage:

- fino ad un massimo di € 455 fondo 60DISA22

- fino ad un massimo di € 27.045 fondo 60DISA23

Duration of the grant: 12 months

Scientific Area: 08 - Civil engineering and architecture

Competition sector: 08/B1 - Geotechnics

Scientific disciplinary sector: ICAR/07 - Geotechnics

Scientific Director: Prof.ssa Daniela Giretti

Entry requirement:

Diploma di Laurea Specialistica (LS) o Laurea Magistrale (LM) in classi LM23, LM24, LM35 ed equiparati, ovvero Diploma di Laurea (DL) conseguito secondo le modalità precedenti all'entrata in vigore del D.M. 509/1999 e s.m.i. e titoli equipollenti ai fini dell'ammissione ai pubblici concorsi.

Knowledge of the language: English

Additional qualifications evaluated by the Commission:

Proven experience in physical modeling and in the interpretation of centrifuge tests and of standard and advanced laboratory test results.

Interview schedule:

The interview will focus on the previous experiences of physical modelin, geotechnical laboratory, interpretation of model tests and laboratory tests.

Description of the research project:

The research activity will consist in the interpretation of static cone penetration tests, CPTUs, carried out in a geotechnical centrifuge, on small scale models. The interpretation will benefit of laboratory tests on the volume element carried out to support the physical modeling. Laboratory tests and CPTU tests will be interpreted according to the critical state mechanics.

In parallel with the of interpreton of experimental data, bibliographic research will be carried out for the acquisition of the state of the art on the research topic.