



UNIVERSITÀ DEGLI STUDI DI MILANO

COMPETITION FOR 41 POST-DOC TYPE A TWO YEARS FELLOWSHIPS, FOR A COLLABORATION TO RESEARCH ACTIVITIES

THE RECTOR

ORDAINS

Art. 1 This University has launched a competition by qualifications and interview to award 41 two years fellowships, possibly renewable, for a collaboration to research activities restricted to doctorate graduates or graduated holding a diploma in the specialty health area.

The 41 fellowships are divided among the following departments of the University:

DEPARTMENTS	Fellowships
Dipartimento di Biotecnologie Mediche e Medicina Traslazionale	1
Dipartimento di Chimica	3
Dipartimento di Diritto Pubblico Italiano e Sovranazionale	1
Dipartimento di Economia, Management e Metodi Quantitativi	2
Dipartimento di Filosofia Piero Martinetti	6
Dipartimento di Fisica Aldo Pontremoli	2
Dipartimento di Fisiopatologia Medico-Chirurgica e dei Trapianti	1
Dipartimento di Lingue, Letterature, Culture e Mediazioni	3
Dipartimento di Matematica Federigo Enriques	2
Dipartimento di Scienze Agrarie e Ambientali - Produzione, Territorio, Agroenergia	4
Dipartimento di Scienze Biomediche e Cliniche	1
Dipartimento di Scienze Biomediche, Chirurgiche ed Odontoiatriche	2
Dipartimento di Scienze della Terra Ardito Desio	1
Dipartimento di Scienze e Politiche Ambientali	3
Dipartimento di Scienze Farmaceutiche	2
Dipartimento di Scienze Giuridiche Cesare Beccaria	1
Dipartimento di Scienze per gli Alimenti, la Nutrizione e l'Ambiente	2
Dipartimento di Scienze Sociali e Politiche	2
Dipartimento di Studi Internazionali, Giuridici e Storico - Politici	1
Dipartimento di Studi Storici	1



Art. 2 - REQUIREMENTS AND INCOMPATIBILITIES

All those who have earned a PhD or equivalent degree earned abroad and, for the areas concerned, graduated holding a diploma in the specialty health area can participate in the competition; in both cases candidates must have a proper scientific-professional curriculum to carry out research activity. Both degrees must be earned within the date of the stipulation of the individual contract.

Candidates holding degrees earned abroad must apply on-line and enclose with the application form the degrees translated into Italian or into English with the marks of each examination and of the PhD/specialization degree, together with the declaration of conformity to the original of the translation itself.

Art. 3 - APPLICATION FORM AND DEADLINE

The candidates must fill in the application form available on-line at

<https://air.unimi.it/rm/public/postDocFellowship.htm>

The application form must be peremptorily completed and validated till **june 30TH 2022 at noon (Italian time)**, otherwise it is inadmissible. The candidate will have to save the PDF file generated by the system, sign and upload it on the procedure after it is scanned, following the instructions in the procedure.

In application to transparency obligations, the list of candidates with their curriculum vitae and the result of each selection will be published in the web site <https://www.unimi.it/it/ricerca/fare-ricerca-da-noi/assegni-di-ricerca>

Art. 4 - ASSESSMENT

Application forms will be assessed by one sub commission for each subject.

For the assessment of the candidates the sub commission can use a hundred points, 65 for the qualifications, the scientific-professional curriculum and the research project and the other 35 for the interview. Within such limits the Commissione di Garanzia proceeds first to divide the total points among the assessable items.

The evaluation criteria for qualifications and scientific-professional curriculum are the following:

- curriculum vitae et studiorum;
- attendance of master degree;
- specialization degrees;
- attendance of post-graduate courses;
- PhD thesis
- research activity in Italy;
- research activity abroad;
- *fellowships*, scientific-professional contracts and appointments;
- participation in scientific congresses;



- 6 publications maximum in PDF format (scientific publications in qualified reviews;
- monographic publications and chapters in books) with explanation, for each publication, of the rationale behind the choice;
- patents;
- identity card scanned;
- other qualifications;

Evaluation criteria for research projects are the following:

- relevance of the project to the subject suggested by the Department;
- originality and feasibility of the research suggested, updating of the project, appropriate bibliographic reference;

The assessment of qualifications and of the research project takes place before the interviews and the results of assessments will be let known, for each subject, by publication in the web site: <https://www.unimi.it/en/research/doing-research-us/research-fellowships>. The date and place of the interviews will be communicated to the candidates at least 15 days in advance, by publication in the web site mentioned above with reference to the subject concerned.

Candidates who earn more than 32,5 points in the qualifications and in the project are admitted to the interview.

The interview aims to assess the contents of the project proposed by the candidate and scientific competences developed. The sub commission can use up to 35 points and the interview is overcome if the candidate earns more than 17,5 points. Candidates admitted to the interview, resident abroad, can do a telematic interview by means of procedures that guarantee their identification.

In case of equal result in the same subject, the fellowship will be awarded to the youngest candidate.

Art. 5 - FELLOWSHIP AWARDING

The Administration will communicate, by registered letter at the address in the application form, the awarding of the fellowship to the winners.

Within 10 days after receiving the communication, the winner must send to the Rector the acceptance declaration required by the Administration, otherwise he/she will lose the post; afterwards he/she will be called to stipulate a contract-

Within ten days of the receipt of the notification, the person concerned will be required to make the declarations of acceptance accepted by the Administration, and will subsequently be required to enter into a contract pursuant to art. 7 of the Rules

The fellowship cannot be added to grants or other types of aid, except for those established for integration of stays abroad, neither with other contracts of collaboration nor with income coming from freelance activities performed with continuity. Extra-university activities as speaker in seminars,



conferences or publishing activities and a limited activity of self-employed work are compatible with the fellowship, in agreement with the scientist-in-charge. Self-employed work cannot exceed the income limits equal to a gross yearly amount of 15.000 Euros, with exclusion of remuneration coming from copyright.

Art. 6 - REMUNERATION

The yearly gross amount of the fellowship is of **21.000,00 Euro**. The amount includes expenses for industrial accident insurance and public liability insurance. The winners permanently resident abroad who have a Phd/specialization in medical area earned abroad, have the right to a monthly gross amount of **600 Euro** for the whole period of the contract. The amount is paid in monthly postponed instalments.

Art. 7 - ACCEPTANCE AND SIGNING OF THE CONTRACT

Declarations and certifications of acceptance must be sent by registered letter with reply coupon attached within ten days (the stamp and date of the post office will be considered) since the communication by the Rector or sent to the address unimi@postecert.it or brought directly to the appropriate office.

The winners will be called to stipulate the contract of collaboration to research activity, which will start from the first day of the month following the signature, except justified request of exception by the candidate in agreement with the Scientist-in-charge and anyway for not more than 90 days.

For non-EC subjects the fellowship will start after obtaining the visa for scientific research and the actual beginning of the research activity.

Art. 8 - LOSS OF THE RIGHT TO THE FELLOWSHIP AND CANCELLATION OF THE CONTRACT

If the contract is not signed within the deadline established or if the candidate does not achieve the PhD/specialty health area within the stipulation date of the individual contract the winner will lose every right to the fellowship.

Art. 9 - REFERENCE

For what is not established by this competition notice please refer to Italian version of this call.

Art. 10 - PERSONAL INFORMATION

University will commit itself to respect all confidential information provided by the candidate: "all information provided will be handled only for aims connected to the selection and to the stipulation and management of relationship with University".

Art. 11 - COMPETITION MANAGEMENT

The Head of Office in charge of the competition is Anna Tavano Direzione Trattamenti Economici e



UNIVERSITÀ DEGLI STUDI DI MILANO

Lavoro Autonomo- Via S. Antonio n. 12, Milano. (email: assegni.postdoc@unimi.it)

REG 2692/22 on may 27th 2021

IL RETTORE
F.to Elio Franzini



Departments	Fellowships	Coordinators	Research lines
Dipartimento di Biotecnologie Mediche e Medicina Traslazionale	1	ANTONUCCI FLAVIA, FRANCOLINI MAURA, LANDSBERGER NICOLETTA, RIVA PAOLA VANDA, BIFARI FRANCESCO, PRINETTI ALESSANDRO ENNIO GIUSEPPE, CHIRICOZZI ELENA, MOLteni RAFFAELLA	Neuroscience
Dipartimento di Chimica	1	LO PRESTI LEONARDO, SIRONI MAURIZIO, MARTINAZZO ROCCO, CEOTTO MICHELE, CONTE RICCARDO, VERTOVA ALBERTO, PIERACCINI STEFANO, MINGUZZI ALESSANDRO, SCAVINI MARCO, LONGHI MARIANGELA, MERONI DANIELA, GERVASINI ANTONELLA	Development of chemical physical methods for the study of advanced materials
Dipartimento di Chimica	1	BENAGLIA MAURIZIO, CAUTERUCCIO SILVIA, LAY LUIGI, PASSARELLA DANIELE, SATTIN SARA, SILVANI ALESSANDRA, SPERANZA GIOVANNA, VASILE FRANCESCA	Recent advances in organic and bioorganic chemistry
Dipartimento di Chimica	1	RANUCCI ELISABETTA, ORTENZI MARCO ALDO, BIANCHI CLAUDIA LETIZIA MADDALENA, ALONGI JENNY	Biodegradable and biocompatible polymers
Dipartimento di Diritto Pubblico Italiano e Sovranazionale	1	MERLIN ELENA, VILLATA STEFANO ALBERTO	The subjective and objective effects of civil res judicata
Dipartimento di Economia, Management e Metodi Quantitativi	1	VANDONE DANIELA, QUAS ANITA, DEGL'INNOCENTI MARTA	Economics of financial intermediaries and corporate finance
Dipartimento di Economia, Management e Metodi Quantitativi	1	MARSILIO MARTA, GUGLIELMETTI CHIARA, PRENESTINI ANNA, SALINI SILVIA, MANZI GIANCARLO, SORRENTINO MADDALENA, TURRI MATTEO, DE BATTISTI FRANCESCA, ANGELONI SILVIA	Multidimensional assessment of the impacts of Recovery and Resilience Plan (NRP) actions in companies and the health system.
Dipartimento di Filosofia Piero Martinetti	1	DI MARTINO CARMINE, MORMINO GIANFRANCO	Artificial Intelligence: questions on ethics and applied ethics
Dipartimento di Filosofia Piero Martinetti	1	HOSNI HYKEL, D'AGOSTINO MARCELLO	The logic and methodology of AI-driven science (LogAI)
Dipartimento di	1	GUALA FRANCESCO, GUARDO	Economic models:



Filosofia Piero Martinetti		ANDREA	philosophical foundations and applications
Dipartimento di Filosofia Piero Martinetti	1	GUICCIARDINI CORSI SALVIATI NICCOLO', NENCI ELIO	Galileo Galilei and his sources
Dipartimento di Filosofia Piero Martinetti	1	SINIGAGLIA CORRADO, LUCCHIARI CLAUDIO	From individual to joint action. Basic mechanism of human sociality
Dipartimento di Filosofia Piero Martinetti	1	BIANCHI LUCA MARIA SILVIO FRANCESCO, FRIGO ALBERTO	Twenty-century Italian philosophy in the unpublished works of the Philosophy Library of the University of Milan
Dipartimento di Fisica Aldo Pontremoli	1	BALETTO FRANCESCA, MANINI NICOLA, GUERRA ROBERTO, LIBERALI VALENTINO, D'ANGELO DAVIDE	The beauty of particles: from nano to astro
Dipartimento di Fisica Aldo Pontremoli	1	MENNELLA ANIELLO, BERSANELLI MARCO RINALDO FEDELE, FACCHINI STEFANO, LODATO GIUSEPPE	Observational frontiers in astrophysics and cosmology
Dipartimento di Fisiopatologia Medico-Chirurgica e dei Trapianti	1	MINETTI ALBERTO ENRICO, PAVEI GASPARE	Mechanical determinants of internal frictional work in locomotion: effects on hip prosthetic walking and in obese patients
Dipartimento di Lingue, Letterature, Culture e Mediazioni	1	SERGIO GIUSEPPE, PINNAVAIA LAURA	Representations and self-representations of second generations. Migration discourses and sociolinguistic analysis
Dipartimento di Lingue, Letterature, Culture e Mediazioni	1	LANDONE ELENA, SCARABELLI LAURA	Inclusion and differentiated pedagogy for foreign languages and literatures
Dipartimento di Lingue, Letterature, Culture e Mediazioni	1	MOLINARI CHIARA, BRAMATI ALBERTO GIORDANO	Linguistic and discursive strategies in controversies of public debate: communication aspects and social and political implications
Dipartimento di Matematica Federigo Enriques	1	CIRAOLO GIULIO, STUWARD SALVATORE	Liouville type theorems for elliptic PDEs in a Finsler setting
Dipartimento di Matematica Federigo Enriques	1	GUBBIOTTI GIORGIO, VAN GEEMEN LAMBERTUS	Algebraic and geometric structures in discrete integrable systems
Dipartimento di Scienze Agrarie e Ambientali - Produzione, Territorio,	4	COCETTA GIACOMO, PILU SALVATORE ROBERTO,	Agriculture and environment: challenges and perspectives



Agroenergia		MASSERONI DANIELE, SENES GIULIO, ADANI FABRIZIO, GANDOLFI FULVIO, FERRANTE ANTONIO, GANDOLFI CLAUDIO, FACCHI ARIANNA, FUMAGALLI NATALIA	
Dipartimento di Scienze Biomediche e Cliniche	1	PERROTTA CRISTIANA, MAMELI CHIARA	An integrated pharmacological/nutraceutical approach for Duchenne Muscular Dystrophy: acid sphingomyelinase as new therapeutic target.
Dipartimento di Scienze Biomediche, Chirurgiche ed Odontoiatriche	1	DELBUE SERENA, BASILICO NICOLETTA	Study of host-microorganism interactions in emerging and reemerging infections
Dipartimento di Scienze Biomediche, Chirurgiche ed Odontoiatriche	1	PAINO FRANCESCA, CORRADINI COSTANTINO	Mesenchymal Stem / Stromal Cell-Based Strategies for Targeted Delivery of Antitumor Drugs
Dipartimento di Scienze della Terra Ardito Desio	1	GASPARRINI MARTA, BERRA FABRIZIO	Stratigraphy, diagenesis and thermo-chronometry tools to assist basin analysis - case of the Mesozoic of the Paris Basin
Dipartimento di Scienze e Politiche Ambientali	1	FAVA FRANCESCO PIETRO, BOCCHI STEFANO	Remote Sensing of agro-environmental indicators for human health and sustainable development
Dipartimento di Scienze e Politiche Ambientali	1	RUBOLINI DIEGO, AMBROSINI ROBERTO	Genomics, epigenomics and metagenomics applied to the study of ecological and evolutionary dynamics
Dipartimento di Scienze e Politiche Ambientali	1	LAPORTA CATERINA ANNA MARIA, STEFANINI FEDERICO MATTIA	Digital monitoring: Precision Farming. A new integrate approach for an agriculture 4.0
Dipartimento di Scienze Farmaceutiche	1	MINGHETTI PAOLA, GENNARI CHIARA GRAZIA MILENA, CASIRAGHI ANTONELLA, MUSAZZI UMBERTO MARIA	Combining chemical and physical methods to enhance skin or mucosal penetration of active ingredients.
Dipartimento di Scienze Farmaceutiche	1	DALLANOCE CLELIA MARIANGIOLA LUISA, DE AMICI MARCO	Stable and unstable isotope-labeled ligands: design, synthesis and applications in drug discovery and development
Dipartimento di Scienze Giuridiche Cesare	1	VIGONI DANIELA, ZANETTI ELENA	Developments and perspectives on evidence in



Beccaria			the second instance of the proceedings: towards a new model of criminal appeals?
Dipartimento di Scienze per gli Alimenti, la Nutrizione e l'Ambiente	1	CROTTI ELENA SARA, MAPELLI FRANCESCA, BORIN SARA	Disentangling antibiotic resistance spread and dynamics in different ecological niches of the agri-food system
Dipartimento di Scienze per gli Alimenti, la Nutrizione e l'Ambiente	1	DALLAVALLE SABRINA MARIA DONATELLA, KUNOVA ANDREA	Small-molecule inhibitors of ferroptosis for sustainable crop protection
Dipartimento di Scienze Sociali e Politiche	1	BALLARINO GABRIELE, STRUFFOLINO EMANUELA	Intergenerational mobility in developing countries
Dipartimento di Scienze Sociali e Politiche	1	CARBONE GIOVANNI MARCO, ZUCCHINI FRANCESCO	Authoritarian rule and external actors in sub-Saharan Africa
Dipartimento di Studi Internazionali, Giuridici e Storico - Politici	1	CANEPA ALLEGRA, VILLATA FRANCESCA CLARA	THE ECONOMIC TRANSITIONS BETWEEN SUSTAINABILITY AND INNOVATION
Dipartimento di Studi Storici	1	SCARPELLINI EMANUELA, ZANINI PAOLO	Made in Italy: preservation and enhancement of the historical and cultural heritage in creative industries (fashion and design)