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SERVIZIO CONCORSI E
PROCEDIMENTI ELETTORALI

COMPARATIVE SELECTION for n. 7 SENIOR RESEARCH ASSOCIATES – ART. 24, PARAG. 3, LETTER B) OF LAW NO. 240 DATED 30 DECEMBER 2010 - FULL TIME - NON-RENEWABLE THREE-YEAR TERM

(DDG no. 543/2016 Register no. 18393 dated 13 MAG. 2016)

DEPARTMENT OF STUDI AZIENDALI E GIURIDICI

<u>n. 1 POSITION</u> Academic recruitment field: 13/B2 - Management Academic discipline: SECS-P/08 - Management
Research Project: "Development strategies of the Made in Italy firms: business models, innovation processes and marketing strategies"
Research activities: The research will focus on the management and marketing of Made in Italy firms operating in traditional and high technology industries. Project with three main theoretical and empirical lines of research: <ol style="list-style-type: none">1. Economics and management of innovation of firms in technology clusters: study of the influence of the contextual factors operating within the clusters on the firms innovative capacity. It will be analysed in particular the university-industry relationship and the main technology transfer channels (spin-offs, patents, publications).2. Business models and strategic options in the development of firms: influence of open innovation processes and corporate venturing on the business model design of a firm.3. International marketing: study of the relationship between country of origin effect and consumer behaviour in the marketing of Made in Italy products
Hours of classroom teaching each academic year: at least 60 hours
Foreign requested language: ENGLISH - Level of proficiency: Good
Preferential titles: <ul style="list-style-type: none">• PhD in disciplines coherent with academic recruitment field 13/B2• full congruence of the scientific production with academic discipline SECS-P/08 with special attention to that of the last six years• research activities in the field of economics and management of innovation, international marketing
Maximum of scientific publications: not less than 15 and not more than 20



UNIVERSITÀ
DI SIENA
1240

DEPARTMENT OF SCIENZE POLITICHE E INTERNAZIONALI

n. 1 POSITION

Academic recruitment field: 12/C1 – Constitutional law

Academic discipline: IUS/08 - Constitutional law

Research Project:

“The Independent Agencies in the Constitutional System”

Research activities:

The development of independent agencies in Italian constitutional system, seen in his reflections on the protection of individual rights, on the one hand, and on the tacit modification of the order of sources of the law and of the constitutional competences, on the other hand, in relation to the possibility of providing guarantees and appropriate forms of accountability, also on the basis of foreign experiences.

Hours of classroom teaching each academic year: 60

Foreign requested language: ENGLISH - Level of proficiency: Good

Maximum of scientific publications: 12

DEPARTMENT OF SCIENZE STORICHE E DEI BENI CULTURALI

n. 1 POSITION

Academic recruitment field: 10/B1 - Art History

Academic discipline: L-ART/04 - Museology, Art and Restoration Criticism

Research Project:

“Studies in Literature of arts, historiography of art and art critics. From sources to treatises on art, from history of reception to historiography of art and contemporary art criticism”

Research activities:

Research activities in the fields of literature of arts, historiography of art and art critics: text, treatises, history of reception, historiography, contemporary art criticism.

Hours of classroom teaching each academic year: 72

Foreign requested language: ENGLISH - Level of proficiency: B2

Maximum of scientific publications: 12

DEPARTMENT OF MEDICINA MOLECOLARE E DELLO SVILUPPO

n. 1 POSITION

Academic recruitment field: 05/G1 – Pharmacology, clinical Pharmacology and Pharmacognosy

Academic discipline: BIO/14 - Pharmacology

Research Project: “Development of pharmacological and behavioral models of mood disorders symptoms and study of the underlying neurochemical mechanisms”



UNIVERSITÀ
DI SIENA
1240

Research activities: The focus of the project is the study of the mechanisms underpinning mood disorders, modeled by exposure to stressors or psychoactive drugs in rats. The working hypothesis is that steady neurochemical modifications associated to behavioral changes mimicking mood disorders symptoms could represent the mechanisms underpinning those symptoms in humans. The mesolimbic dopamine and opioid systems play a relevant role in the motivational and hedonic response to positive or negative stimuli. Deficits in these systems induced by areas-specific lesions reproduce a depressive-like phenotype similar to that induced by chronic stress exposure. The project will also test the hypothesis that drugs endowed with anti-anhedonic activity on the chronic stress model are also effective on lesion-induced depressive symptoms and act on the same mechanisms at the interplay between dopamine and opioid systems.
Hours of classroom teaching each academic year: 60 hours
Foreign requested language: ENGLISH - - Level of proficiency: Good
Preferential titles: PhD thesis on SNC pharmacology and a substantiated experience in the Neuropsychopharmacology field
Maximum of scientific publications: n. 34

DEPARTMENT OF SCIENZE DELLA VITA

<u>n. 1 POSITION</u> Academic recruitment field: 05/B1 – Zoology and Anthropology Academic discipline: BIO/05 - Zoology
Research Project: “Adaptive mechanisms of coexistence and resource use in artiodactyls and large carnivores”
Research activities: Research activities of SC-SSD 05/B1-BIO/05 in the DSV, which the appointed researcher will be involved in, will deal with key aspects of animal behaviour and behavioural ecology of large mammals (artiodactyls and carnivores). Relevant ongoing/recently finished projects have dealt with complementary aspects of this subject (e.g. mechanisms of interactions between species of wild mammals; selection of food resources and habitat), identifying behavioural adaptations of behaviour and ecology to environmental variations, as well as appropriate measures for the management/conservation of large mammals. The appointed researcher will carry out research activity to evaluate adaptive mechanisms of coexistence and use of resources in artiodactyls and large carnivores, in relation to the evolutionary history of <i>taxa</i> , by using experimental and literature data
Hours of classroom teaching each academic year: at least 60 hours
Foreign requested language: ENGLISH - Level of proficiency: Excellent



UNIVERSITÀ
DI SIENA

1240

Preferential titles:

- participation in National or International competitive research projects, within research fields belonging to SC-SSD 05/B1-BIO/05;
- research scholarships/fellowships related to the topics of the present call;
- talks in mammalogical congresses/conferences at national/international level;
- presence in editorial boards and activity as a referee for scientific journals (ISI Web of Science);
- Teaching/seminar activity within Universities, e.g. seminars, courses or substantial co-supervision/tutoring of students (BSc, MSc, PhD);
- National Scientific Qualification for Associate Professor (Italy: "*Abilitazione Scientifica Nazionale*", ASN), in SC-SSD 05/B1-BIO/05, or scoring over at least 2 out of the 3 reference medians established by ASN, according to criteria used in ASN to-date;
- Experience in publishing peer reviewed papers on behaviour, behavioural ecology and management of large mammals (artiodactyls and carnivores), with particular reference to (1) interspecific interactions in artiodactyls and carnivores (artiodactyls-artiodactyls; carnivores-carnivores), and (2) food habits. Presence as first or second (equal contributor), corresponding or last author in the publications submitted.
- scientific relevance of journals where papers have been published and their diffusion within the scientific community, by using indices like number of citations, impact factor, ranking of journals within relevant Subject WOS Categories, H-index (normalised to the academic age of the candidate);
- temporal continuity of scientific production, also in relation to the development of knowledge within the relevant disciplines, excluding documented periods of non-voluntary leave from research activities, with particular reference to parenthood

Maximum of scientific publications: n. 20 scientific articles *peer reviewed* published in journals ISI

DEPARTMENT OF SCIENZE FISICHE, DELLA TERRA E DELL'AMBIENTE

n. 1 POSITION

Academic recruitment field: 02/A1 - Experimental Physics of Fundamental Interactions

Academic discipline: FIS/01 - Experimental Physics

Research Project: "Study of high energy cosmic radiation via an analysis of the data collected by experiments in space or balloon-borne"

Research activities:

The research program includes the experimental study of high energy cosmic radiation, charged and neutral, via the analysis of the data recorded by dedicated experiments in space or balloon in the stratosphere. In particular, high energy spectra of cosmic electrons and nuclei from proton to iron will be studied and a search for Dark Matter will be carried out by inspection of the shape of high resolution spectra of both electrons and photons above 10 GeV

Hours of classroom teaching each academic year: at least 60 hours



UNIVERSITÀ
DI SIENA
1240

Foreign requested language: ENGLISH - Level of proficiency: Good
Preferential titles: Documentable experience in the field of high energy experimental physics in space-borne or balloon experiments
Maximum of scientific publications: 15

DEPARTMENT OF GIURISPRUDENZA

<u>n. 1 POSITION</u>
Academic recruitment field: 12/E1 – International
Academic discipline: IUS/13 – International Law
Research Project: “Developments of Private International Law between European, International and National System”
Research activities: The research aims at examining the developments of Private International Law in all its current perspectives: European, international and national. The increasing number of legislative instruments, both European and conventional ones, requires a global reflection over the interplay among sources, their coordination and the system’s potential deficiencies. The research shall first analyse the areas where new European measures are to be adopted, examine the legislative initiatives undertaken by the Hague Conference of Private International Law and the need for the elaboration of new forms of international cooperation on uniform substantive law. Finally, the study will analyse the areas that, from a national point of view, need to be modified and/or integrated in the next future
Hours of classroom teaching each academic year: at least 60 hours
Foreign requested language: ENGLISH - Level of proficiency: Excellent
Preferential titles: Ph.D and teaching experiences in the field of international Law. Possession of a monografich work among the submitted scientific publications
Maximum of scientific publications: 14

ADMISSION REQUIREMENTS

Applications for the comparative selection procedure (art. 1) are accepted from:

- candidates holding a PhD or equivalent completed in Italy or abroad;
- candidates holding a Diploma of Medical Specialization in the relevant area(s). Preference will be given to those in possession of a PhD or equivalent;
- candidates who have held contracts pursuant to art. 24, parag. 3, letter a) of Law 240/2010 (junior research associate) for at least three (even non-consecutive) years, research grants pursuant to art. 51, parag. 6 of Law 449/97 as subsequently amended, research grants pursuant to art. 22 of Law 240/2010, post-doctoral bursaries pursuant to art. 4 of Law 398/89, or equivalent contracts, grants or bursaries from foreign universities, or contracts stipulated for at least three years pursuant to art. 1, parag. 14, of Law 230/2005.



UNIVERSITÀ
DI SIENA
1240

Applications are also accepted from non-EU citizens who meet the admission requirements stated above.

Academic qualifications obtained abroad must normally be recognized in Italy pursuant to current applicable legislation (further information is available on the website of the Ministry of Education, University and Research: www.miur.it)

Candidates must be in possession of the requirements for admission to the selection procedure by the deadline of this call.

All candidates are admitted to the selection procedure conditionally, reserving the right to verify that they meet the requirements for admission to the selection procedure. The administration can, at any time and with justifiable reason, exclude candidates who fail to meet the selection requirements.

Applications cannot be accepted from the following people: retired or currently employed full or associate University professors or researchers; those who have a relationship of consanguinity or affinity up to and including the fourth degree with a professor employed at the Department proposing the activation of the contract, or with the Rector, the Registrar or a member of the University Council.

Application Procedure

Applications for admission to the procedures and the documents indicated below must be lodged by certified email to rettore@pec.unisipec.it or email to concorsi@unisi.it within 30 days starting the day after the publication of this call in the *Gazzetta Ufficiale della Repubblica Italiana*.

Proof of receipt will be considered as: for applications sent by certified email (PEC) rettore@pec.unisipec.it - the date of the delivery receipt sent automatically by the system; for those sent by email: concorsi@unisi.it, the date of the University terminal that receives them. The University administration declines any responsibility for non-receipt of applications due to third party liability. To check whether an application has been received and is deemed complete, candidates can contact the University's *Servizio Concorsi e Procedimenti Elettorali* (tel. + 39 0577 235060 - 235058 - 235059). Applications must be accompanied by a copy of the candidate's identity document under art. 38 of Presidential Decree no. 445 of 28 December 2000.

Applications must be compiled according the enclosed model (Annex A), providing all the information required.

Candidates must enclose with the application:

- scientific publications;
- a signed curriculum vitae
- Declaration in lieu of certification (Annex B)
- copy of the candidate's identity document.

EXAMINING COMMISSION

The Examining Commission is composed of three full professors or researchers (including one from outside the University of Siena) belonging to the academic recruitment field or to a academic discipline in the same group of academic recruitment fields.

Prior to the start of the selection, the candidate must declare under his/her own responsibility, pursuant to article 7 of the University Code of Ethics, that he/she does not have a relationship of consanguinity or affinity up to and including the fourth degree with any member of the Committee, and that the Committee does not include his/her spouse or partner or any persons with whom he/she has business relations.



UNIVERSITÀ
DI SIENA
1240

EVALUATION OF QUALIFICATIONS, PUBLIC INTERVIEW AND ORAL EXAM

The selection is made by through a preliminary evaluation of candidates and a reasoned analytical judgment of their academic qualifications, curriculum and scientific productivity, including their doctoral thesis, if applicable, based on the criteria and parameters specified in Ministerial Decree 243 dated 25.05.2011.

Following the preliminary evaluation, the top 10 to 20 per cent of the most merit-worthy candidates, and in any case no less than six, will be admitted to a public interview with the Commission concerning their qualifications and scientific work. If only six or less candidates apply, all of them will be admitted to the interview.

On the same occasion as the interview, candidates will be required to take an oral exam in a foreign Language, to ascertain their proficiency, as declared in their academic qualifications. Candidates who do not pass the oral exam are not considered eligible.

Following the interview, a score is given to the qualifications and each publication presented by the candidates who have passed the oral exam, according to criteria established in advance by the Commission itself.

The Commission writes up a report at the end of each individual meeting.

A notice inviting candidates for the interview and oral exam will be sent to the individual candidates at least fifteen days before the date of the interview and exam. This notice need not be given fifteen days in advance if all candidates admitted to the selection provide their explicit written consent.

Candidates must bring their identity document.

EU nationals must bring their passport or identity document issued by their country of origin. Candidates from non-EU countries must only bring their passport.

RANKING LIST AND PROPOSAL OF EMPLOYMENT

Upon completion of the selection procedure, the Commission draws up a ranking list of eligible candidates. This list is valid for two years.

CONTRACT AND ACTIVITIES

The successful candidate will be offered an individual, non-renewable three-year, fixed-term contract of employment regulated by the provisions in force concerning salaried employment, also in relation to tax, healthcare and social security contributions applicable to income from employment.

The University will pay for insurance against accidents and third party liability.

The total annual commitment to teaching, supplementary teaching and student support is equivalent to 350 hours; for the purposes of reporting on the research project, the research, supplementary teaching and student support together are figuratively equal to 1500 each year.

In the case of public funding, the contract will be terminated should the funding not be received. The trial period lasts three months.

INCOMPATIBILITY AND OTHER COMMITMENTS

The research contract is not compatible with the following:

- any other contract of employment with a public or private body;
- research grants from other Universities;
- teaching contracts regulated by the relevant provisions in force;
- doctoral or post-doctoral research grants or, in general, any grant or scholarship for any purpose awarded by the University or any third party;



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PUBLICATION

This call and the summary in English are published on the University's Albo on line, on the web page at the following address: <http://www.unisi.it/ateneo/concorsi>, on the website of the Ministry for Education, University and Research (www.miur.it) and on the European Union portal (<http://ec.europa.eu/euraxess/>).

Siena, 13 MAR. 2016

The Registrar
Marco Tomasi



Procedure manager
Mania Bruni