



## ANNOUNCEMENT n.2 - 3<sup>rd</sup> July 2007

Activation of

### **S. CHIARA CHAIRS**

**(MULTIDISCIPLINARY TEACHINGS ABOUT EMERGENT SUBJECTS)**

**ART. 1 - SANTA CHIARA**, High School of the University of Siena, confers **11 (eleven) multidisciplinary teachings about emergent subjects (CHAIRS)** for the academic year 2007/2008. They will be assigned as occasional individual tasks of self-employment with a didactic peculiarity (University of Siena - circular letter ref. N. 4909/R.U. of 06.03.2006).

Tasks are committed to scientific high profile professors, after PhD Schools and Pro.M.'s proposal, and they last for a maximum period of a month.

The *Chairs* are the following:

#### **Archeometria**

*Archeometria* joins experts, teachers and researchers in scientific and classical studies; they are all involved in the preservation of cultural heritage.

This chair aims at: a) developing the subject itself; b) promoting professional education of young researchers in a multidisciplinary area; c) encouraging methodological debate among professional skills; d) releasing results.

#### **Bioeconomics**

This recent subject concerns the description of survival and reproduction mechanisms in each living beings.

*Bioeconomics* is based on adaptation principles, that are already studied in depth by ecology, ethology, socio-biology, anthropology and economics.

In *bioeconomics* you find a bidirectional exchange between evolutionary biology and economics, that allows the explanation of different aspects in human evolution (anthropology). For these reasons, *bioeconomics* is a pure frontier subject, both for its innovative character and for its multidisciplinary vocation.

#### **Biobanking**

Biobanks and their interests are growing rapidly, it is therefore necessary to get a common regulation for their institution and use. Educating high qualified researchers, that study biology, medicine, informatics and law, is also very important. In Italy, there are no chairs in genetic biobanking; so the institution of such a discipline is an important step to the definition of new researchers with multidisciplinary and unique in our nation skills.

#### **Contagio e Immunità- Contagion and Immunity**

This Chair faces problems related to the influence that derives from migration of people, from socio-economic conditions and from infectious events, modifying immune response and determining new pathologies.

#### **Cellule Staminali - Stam Cells**

Studying stem cells and their differentiation represent a new frontier in evolutionary biology and a possible treatment for many human pathologies. Knowledge of stem cells is complex and needs further analysis, because of the importance of this discipline from different points of view (scientific, medical, ethical and social).

#### **Econometica - Econometrics**

This Chair involves different areas: economics, law, history and management. Its characteristics are: a) specification of additional ways to reform and intervene on policy, so as to speed up companies adhesion to CSR (Corporate Social Responsibility); b) creation of new methodologies to measure internally (accountancy) and externally (budget) and the accountability of a CSR level

adopted by firms; c) determination of social and cultural context where cooperation produces (un)efficient allocation and resources exploitation.

#### **Etica della Scienza - Ethic of Science**

This Chair allows the participation and the contribution to the ethic-political debate on an important subject, deepening scientific and social aspects, especially referring to the researcher of the future.

#### **Metaphorein. Traduzione, trasposizione, interpretazione- Metaphorein. Translation, transposition, interpretation**

Fields of this Chair are: a) relationship between literary language and other languages; b) translation system from one language to another (poetry, fiction, essay); c) transposition among artistic languages (novel - cinema, poetry - figurative arts, figurative arts - fiction, poetry - music, script theories - parodies, etc.); d) relationship between literary and scientific languages; e) processes of interpreting a text according to its linguistic configuration.

#### **Storia e governance ambientale - History and environmental governance**

This Chair aims at facing two relevant problems concerning environment: a) the quick development of the structural frame, and b) the remarkable interaction among different policies. Therefore the Chair needs the presence of historical skills, able to outline the environmental scenarios changes in the middle and long period; methodologies able to analyse different environmental policies, often acted by national and international, public and private actors.

#### **Scienze Cognitive - Cognitive Sciences**

This Chair represents an important point of reference for all the research areas involved in this subject. The term "Cognitive Sciences" is used to underline the multidisciplinary character of the personality required, that has to study strictly applicative disciplines (e.g. medical applications) and also theoretical and methodological ones (models and speculative sciences). For this Chair a worldwide important professor is expected and he has to give a contribution of integration, showing and discussing the implications of each research that compose the entire project.

#### **Strumenti formali per l'analisi dei fenomeni umanistici - Formal tools to analyse classical phenomena**

This Chair aims at selecting important personalities who applied formal methods - usually employed for the analysis of natural phenomena - to classical texts and products such as pieces of arts, movies, literature, poetry, so as to lead to a new research trend. For example, let us think about catastrophe theory or about random numbers and try to interpret Escher's depictions and many other texts revealing a great heuristic complexity.

**Art. 2** - Occasional individual tasks of self-employment last maximum 30 days, even not in succession, and can be spent in a period of 90 days maximum.

Gross remuneration for each task amounts to € 4.000,00. Board, lodging and travel expenses are faced by Santa Chiara High School. Labour costs, inclusive of all taxes and of employer burdens, are paid on *S. Chiara High School* funds.

**Art. 3** - The task is assigned to international and scientific high profile professors; they accept to stay in Santa Chiara High School for the requested period.

Candidatures have to be proposed by **PhD Schools** of the University of Siena and by **Pro.M.**, multidisciplinary and educational programmes, and they have to be signed by PhD School Director, Scientific Coordinator or Organisation Responsible respectively.

Proposals have to be sent by **5<sup>th</sup> September 2007** to Santa Chiara High School, at the address [segreteria.sssc@unisi.it](mailto:segreteria.sssc@unisi.it); they have to be accompanied by:

- short relation with presentation and reason of the choice of the candidate, his personal data and a description of his actual teaching post,
- *curriculum vitae*,
- list of his most relevant publications, that concern skills referred to the Chair,
- declaration of willingness.

Proponents should verify the availability of invited professors.

**Art. 4** - Santa Chiara High School Council designates a Commission to evaluate the proposals; it also determines professors with a well-founded resolution.

**Art. 5** - If some *Chair* are not hold, Santa Chiara High School reserves the publication of a new announcement.

This announcement is also published on the website [www.unisi.it/santachiara](http://www.unisi.it/santachiara).

The President  
Prof. Ugo Pagano