

## Looking for Experienced Researchers to apply jointly for an Individual Fellowship (MSCA –IF)

*University of Vic – Central University of Catalonia (Spain) opens an invitation as Host Organization*

### Marie Skłodowska- Curie Individual Fellowship (MSCA IF)

The goal of **Individual Fellowships** is to enhance the creative and innovative potential of experienced researchers wishing to diversify their individual competence in terms of skill acquisition through advanced training, international and intersectoral mobility.

Individual Fellowships provide opportunities to acquire and transfer new knowledge and to work on research in a European context (EU Member States and Associated Countries) or outside Europe. The scheme particularly supports the return and reintegration of researchers from outside Europe who have previously worked here. It also develops or helps to restart the careers of individual researchers that show great potential, considering their experience.

Funding is provided for two years (**European Fellowships**) or three years (**Global Fellowships**). This includes an attractive salary for the researcher, transnational mobility and family allowances as well as a contribution towards management and research-related-costs.

The deadline of the next call for proposals for Marie Skłodowska – Curie Individual Fellowships is September, 10th 2015. Further details on the Call and additional eligibility criteria can be found at the [Participant Portal](#).

**University of Vic – Central University of Catalonia** is willing to recruit and host experienced researchers under the framework of a Marie Skłodowska- Curie Individual Fellowship (MSCA IF).

## University of Vic – Central University of Catalonia (UVic - UCC)

University of Vic – Central University of Catalonia (UVic - UCC) was created in May 21th 1997, as an independent university with public sector supervision. From its very beginnings, UVic-UCC has promoted academic quality and a student-centred training approach. Our teaching programmes offer academic quality and close contact with students, as required by the European Higher Education Area. The university nurtures a strong commitment to Catalonia - its education system, language and culture – as well as to its regional development, by promoting technological innovation, sustainability and strong cooperation with the world of entrepreneurship.

UVic-UCC is under the authority of the Fundació Universitària Balmes, where the majority of representatives on the Board of Governors are from Vic City Council and the Generalitat of Catalonia. This combined model of independent management and public control guarantees flexible, accountable and efficient government. Our vocation to public service, as outlined in our founding parliamentary text, is reflected in the financial support from the Generalitat and UVic-UCC's participation in the centralised Catalan University Enrolment Scheme.

Faculties and schools are structural units of organisation, management and coordination of teaching, other educational activities and research. UVic - UCC currently has 6 main teaching centers:

- Faculty of Business and Communication Studies
- Faculty of Education, Humanities and Translation
- Faculty of Welfare and Health Sciences
- Faculty of Sciences and Technology
- BAU Design School (affiliated center)
- EADA School of Management and Administration (affiliated center)

In addition, UVic-UCC has different support centres:

- Center for Health and Social Studies (CESS)
- Center for Interdisciplinary Gender Studies (CEIG)
- BETA Technological Center (TECNIO Network)
- Center for Sport and Physical Activity Studies (CEEAF)
- Educational Innovation and Training Centre (CIFE)
- Language School
- University Summer School

A detailed list of degrees, MSc and PhD programmes is available on the website ([www.uvic.cat](http://www.uvic.cat)).

Research at UVic-UCC is organised through 23 research groups in the fields of Experimental Science, Medicine, Humanities and Social Sciences.

## IF EXPRESSIONS OF INTEREST

We are looking for eligible researchers to apply jointly for a Marie Skłodowska -Curie Individual Fellowships (IF) in the following areas:

### 1. Department of Systems Biology

<b>Research / Project Description</b>	<p><b>Exploring microbial ecological networks with computational and experimental systems biology approaches.</b></p> <p>The understanding of complex networks of microorganisms in biotechnology has a long story. Recent advances in metagenomics have provided additional tools to unravel the genomics complexity of networks in the gut microbiome or in environmental microbiology, to name two relevant examples. The project is aimed at exploring the complexity of microbial ecology in such systems, by using a variety of tools ranging from metagenomics analysis, systems biology simulations and experimental validation to understand the role of microbial communities in Nature as well as their possible use in bioplastics generation from solid waste. The candidate is expected to be proficient either in microbial ecology, procariotic molecular biology, metagenomics or systems biology simulations, and be eager to advance in some of the other fields. Also, the project aims at developing tools with an industrial impact.</p> <p>The project will be developed through a collaborative effort between the Computational Biochemistry and Biophysics laboratory and the BETA Tecnio Center, both linked to the Faculty of Sciences and Technology of the UVic-UCC.</p>
<b>Contact Person</b>	<p>Jordi Villà-Freixa          Computational Biochemistry and Biophysics Lab          Research Group in Bioinformatics and Medical Statistics          E-mail: <a href="mailto:jordi.villa@uvic.cat">jordi.villa@uvic.cat</a></p>
<b>Applications</b>	<p>Please send your CV and letter of motivation before 15<sup>th</sup> June 2015.</p>

<b>2. Department of Pedagogy (Sociology of Education)</b>	
<b>Research / Project Description</b>	<p><b>Democratic school governance</b></p> <p>The Research Fellow will join GREUV (Educational Research Group) led by Prof. Antoni Tort and is expected to co-lead a research project in collaboration with Dr. Jordi Collet-Sabé about changes in school governance in Catalonia/Spain according to European trends.</p> <p>Based on sociological education policy analysis (Stephen J. Ball, Michael Apple, Diane Reay, Carol Vincent), the research will, first of all, analyze current shifts in school governance based on neoliberal-neoconservative principles, such as spreading out assessment, competition rationalities and the impact and consequences of such changes on equality, teacher professional identity and families. This analysis should take into account European scenarios, debates, experiences and shifts.</p> <p>Secondly, the research will explore alternative solutions to current neoliberal school governance issues, for example, autonomy, government, achievement, dropouts and the family-school relationship. New rationalities, mechanisms, criteria and experiences will be explored from a broad democratic perspective related to redistribution, recognition, social justice, equalities and common goods to guide alternative solutions to current school governance challenges.</p> <p>This research will be linked to a European network of Education Policy including UCL-Institute of Education (London), Observatoire des politiques locales d'éducation et la réussite éducative (Lyon), Autonomous University of Barcelona and University of Girona among others. The Research Fellow will be able to make short research stays or trips to these and other universities to promote the project, look for research alliances and facilitate future publications.</p>
<b>Contact Person</b>	<p>Dr. Jordi Collet          Associate Professor in Sociology of Education          Department of Pedagogy - GREUV          Faculty of Education, Humanities and Translation          c/ Sagrada Família, 7          08500 Vic          Barcelona</p> <p>Email: <a href="mailto:jordi.collet@uvic.cat">jordi.collet@uvic.cat</a>          Voice: 0034 938816164  <a href="https://universityofvic.academia.edu/ColletSabéJordi">https://universityofvic.academia.edu/ColletSabéJordi</a></p>
<b>Applications</b>	<p>Please send your CV and letter of motivation before 30<sup>th</sup> June 2015.</p>

### 3. Department of Systems Biology

<b>Research / Project Description</b>	<p><b>Computational and experimental development of theozimes for solid waste treatment</b></p> <p>Using a combination of tools from computational chemistry, including quantum chemistry, molecular modelling and molecular simulations, and molecular biology, the candidate will develop and implement a protocol for the generation of theozimes to accelerate industrial processes in the fields of environmental technologies and waste treatment. In particular, the project will explore new chemical processes to develop bioplastics from solid waste. The candidate is expected to be proficient in computational chemistry tools or in molecular biology techniques.</p> <p>The project will be developed through a collaborative effort between the Computational Biochemistry and Biophysics laboratory and the BETA Tecnio Center, both linked to the Faculty of Sciences and Technology of the UVic-UCC</p>
<b>Contact Person</b>	<p>Jordi Villà-Freixa Computational Biochemistry and Biophysics Lab Research Group in Bioinformatics and Medical Statistics</p> <p>E-mail: <a href="mailto:jordi.villa@uvic.cat">jordi.villa@uvic.cat</a></p>
<b>Applications</b>	<p>Please send your CV and letter of motivation before 15<sup>th</sup> June 2015</p>

4. Department of Pedagogy	
<b>Research / Project Description</b>	<p>Our research field is the <b>cultural history of education</b>, based on the research of visual and documental sources. One of our purpose is to collaborate with the MUVIP (Virtual Museum of Pedagogy, University of Vic) with the results of our researches.</p> <p>Our group is a multidisciplinary group. It includes researches from psychology, sociology, contemporary history and education sciences. Also, we are working with a network with people from different European countries, such as Luxemburg, United Kingdom, Belgium, Latvia and Hungary.</p> <p>Currently, we focus our research in the visual cultural heritage through the financed project: RADAE. REVIEW AND ANALYSIS OF PROPAGANDA DOCUMENTARIES AND PUBLIC SERVICE FILMS ON EDUCATION PRODUCED IN SPAIN IN THE YEARS 1914-1939. (Ref.: EDU2013-48067-) 2014-2016, Ministerio de Economía y competitividad. This research project sets out to register, analyze and interpret audiovisual propaganda materials produced in Spain in the period 1914 to 1939. The material comprises documentaries and propaganda films about education during a time of profound political, social, cultural and pedagogical upheaval. The aim of the study is to examine the ways in which these transformations were represented in the films and to explore the resulting changes in conceptions through the prisms of sociology, anthropology and pedagogy. Thus, there are specific operational objectives in these three areas of knowledge that are to be addressed through the interpretative analysis of a series of dimensions that permeate society and civil life: ideology and politics from a sociological perspective; conceptions of childhood and models of gender from an anthropological perspective; and pedagogical principles and educational proposals as seen from the perspective of pedagogy. This phenomenological investigation will combine both quantitative and qualitative methodologies, and descriptive and hermeneutic methods, in order to decipher and comprehend the transformations in pedagogical conceptions and practices. In this way, the results will allow us to gain a deeper understanding of the nature of, and reasons for, the changes that were taking place. These include such crucial concerns as the emergence of the vision of education as having a social and civic mission; the conception of early childhood as a distinct educational stage and as a group with an identity of its own; the definition of specific and/or differentiated roles for men and women based on culturally Constructed gender models; or the idea of the need to implement educational programs to promote hygiene, to have buildings and other spaces that were suited to a new pedagogical model, or to participate in, and incorporate new teaching methods. Working in this way, the various phases of analysis and interpretation will extend and complement our earlier research on pedagogical renewal and, at the same time, allow us to gain an idea of what models were most widely accepted at the time. Clearly, the resort to propaganda can be understood as an attempt by one or other of the models to increase its impact on changing perceptions and behaviors.</p> <p>Such a study of audiovisual material on education, produced with propagandistic intentions, would represent a very real contribution to the history of education, not only in the sense that it would make visible a part of our educational heritage, but also because it would represent the creation of new scientific knowledge about the evolution of education. The work proposed in this project would increase the potential of educational and pedagogical museums for constructing memory. Such work is already being undertaken in various parts of Europe – particularly in the United Kingdom, Belgium and the Netherlands – thereby facilitating the establishment of diverse international collaboration networks.</p>
<b>Contact Person</b>	<p>Dra. Eulàlia Collelldemont Pujadas          Faculty of Education - MUVIP          C/ Sagrada Família, 7. 08500, Vic. Spain</p> <p><a href="mailto:eulalia@uvic.cat">eulalia@uvic.cat</a></p>
<b>Applications</b>	<p>Please send your CV and letter of motivation before 15<sup>th</sup> June 2015</p>

5. Department of Business and Economy	
<b>Research / Project Description</b>	Our project concerns the sectoral innovation / territorial clusters. Also focusing on the management of business innovation and economic analysis financial transverse level. We are currently working on innovative financial and economic analysis in high growth companies in various business sectors.
<b>Contact Person</b>	Núria Arimany Serrat Coordinating Group Emprèn  <a href="mailto:nuria.arimany@uvic.cat">nuria.arimany@uvic.cat</a>
<b>Applications</b>	Please send your CV and letter of motivation before 15 <sup>th</sup> June 2015

6. Faculty of Sciences and Technology & Center for Health and Social Studies	
<b>Research / Project Description</b>	UVic-UCC is seeking to develop funding proposals with experienced researchers in the field of eHealth and mHealth, aimed at health, welfare and quality of life.  The candidate is expected to be proficient in crossplatform, iOS and Android programming, apps design and design. Interest in machine learning/signal processing algorithms is a must.  The project will be developed through a collaborative effort between the <b>Research group on Data and Signal Processing</b> (Faculty of Sciences and Technology of the UVic-UCC), the <b>Center for Personal Autonomy SIRIUS</b> and the <b>ICT and Health Chair</b> (both based at the Center for Health and Social Studies of the UVic-UCC).
<b>Contact Person</b>	Mireia Aguilera Rodà R&D Project Manager Center for Health and Social Studies  <a href="mailto:mireia.aguilera@uvic.cat">mireia.aguilera@uvic.cat</a>
<b>Applications</b>	Please send your CV and letter of motivation before June 15 <sup>th</sup> 2015

### 7. Department of Language and literature teaching

<b>Research / Project Description</b>	<ol style="list-style-type: none"><li>1. Acquisition of tense and aspect in second languages</li><li>2. Longitudinal description of linguistic competence</li><li>3. Linguistic competence of future primary and infant education teachers</li><li>4. Immigrants in multilingual schools and drop-out rates</li><li>5. Sociolinguistic patterns in pre adolescent populations in multilingual countries</li></ol>
<b>Contact Person</b>	Llorenç Comajoan Colomé  <a href="mailto:llorenc.comajoan@uvic.cat">llorenc.comajoan@uvic.cat</a>
<b>Applications</b>	Please send your CV and letter of motivation before June 15 <sup>th</sup> 2015.