

Post-doctoral position call
**Post-doctoral researcher in Formalization and Simulation of Social
Dynamics**

Place:

GSADI - Analytical Sociology and Institutional Design Group, Universitat Autònoma de Barcelona (UAB), <http://gsadi.uab.cat>. Barcelona, SPAIN

Requirements:

Candidates should hold a PhD and have prior training in Sociology or business/social sciences profile, combined with formal and computational skills. Candidates must be willing to relocate to Barcelona area for three years (2012-2014). Familiarity with analytical sociology, statistical analysis, and with methods such as social network analysis, GIS, and computer simulation will be valued. Fluent English (spoken and written) is required, and some knowledge of Spanish will be highly valued.

Description:

GSADI <gsadi.uab.cat>, in collaboration with the recently established Socio-Historical Dynamics Simulation Lab (LSDS) at the UAB, is particularly interested in exploring and evaluating formal algorithms of decision making and aggregated social mechanisms, with strong theoretical and empirical foundations, to be used in the multi-disciplinary project SIMULPAST <www.simulpast.es>, but also in other projects involving formalization and computer simulation of social dynamics.

Some potential areas for research include:

1. Distributed collective decision making and decision modelling in small groups.
2. Self-organisation through social networks for environmental adaptation response.
3. Social processes and mechanisms: formalization tools and protocols.
4. Multi-agent based social simulation tools.

The selected candidate will interact with researchers of different nationalities and backgrounds, and will have financial support to present scientific papers at several conferences and workshops, as well as to publish them in indexed journals. He/she will also be provided with office space, computer, and other facilities as member of UAB's academic staff. He/she could be eventually asked to teach a maximum of 80 hours per academic year in graduate or post-graduate courses.

Salary:

The position will be funded by the Spanish CONSOLIDER-INGENIO program as part of the SIMULPAST project. The gross salary will be 32,000 €/per year, but Social Security contributions should be discounted (30% aprox.).

Contact:

Interested candidates should send a detailed curriculum vitae and a brief statement of their research interests (maximum of 250 words), to GSADI <gsadi@uab.cat>. Please mention ref: SIMULPAST-CALL in the subject of your message.

Application Deadline:

30 November 2011