

Job Positions- 2 PhD candidates

Davalor salud is a crowdfunded startup focusing on the design and development of new systems and technologies for diagnosis and therapy of human visual disorders and pathologies. In this era of Big Data, the automated and objectivized developed technologies offer promising research and applications for optometrists, vision scientists, physicists, engineers and ophthalmologists.

Job description

We are offering 2 PhD positions funded by the *Industrial PhD Grant Program (Doctorado Industrial)* of the Spanish Ministry of Economy and Competitiveness.

The two PhD thesis will be in the field of objective diagnosis and management of visual disorders and development of new visual therapy programs. DAVALOR SALUD will submit an application according to the selected candidate.

Keywords: Visual therapy, Visual disorders, neural plasticity, objective diagnosis.

The candidate will work in a new and dynamic R&D environment: The Davalor Research Center (DRC), associated partner for R&D of the Technical University of Catalonia (UPC). They also will be in strength collaboration with Visual Biophotonics Research Group of the Center for Sensors, Instruments and Systems Development (CD6) belonging at UPC, which develops and applies experimental methods to evaluate key factors in human vision and develops new optical instrumentation. The candidate will be involved in the development of new instrumentation, concepts and methodologies embeddable in the EVA (Eye and Vision Analyzer) DAVALOR system.

Contract: Full –time.

Estimated starting date: The grant is planned to start in fall 2016. According to the candidate CV, skills and experience, DAVALOR SALUD may offer an immediate and equivalent position to start in the short term.

Duration: The grant lasts for 48 months (36 to do PhD+12). After this period, DAVALOR SALUD may offer a contract extension according to the candidate performance.

Salary: 16.500€ (This is the minimum specified in the grant call. According to the candidate CV, skills and experience, DAVALOR SALUD may offer a higher salary)

Required skills/qualifications

- Degree or finishing degree in Optometry, Optics & Optometry, Physics, Vision Science, Biomedical Science, Neuroscience or similar.
- Be willing to be enrolled or accepted in a PhD program for years 2016/2017
- Fluent English.
- Additional skills on software development and statistics are not required but will be a plus.

More information on the PhD grant: www.idi.mineco.gob.es

Please, visit <http://www.cd6.upc.edu> for further information about CD6.

How to apply:

To apply for this position please send to Dr. Jaume Pujol (pujol@oo.upc.edu) the following documents:

- CV in English
- Motivation Letter in English

Deadline: February 22th 2016 (Grant application deadline: March 3th, 2016)