

**PERSONAL  
INFORMATION****Lucía Fernández Fernández**

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Date of birth: 03/04/1985 | Nationality: Spanish

**WORK EXPERIENCE**

From September, 2013

**PhD Student at The Singlet Oxygen Strategy project.**

Degradation of pharmaceuticals in environmental waters: combined action of bacteria, light and photosensitizers.

Supervisors: Dr. João Tomé, Dr. Valdemar Esteves, Dr. Ângela Cunha.

From June, 2013 to July, 2013

**Researcher at MERGE project.**

Technische Universität Chemnitz, Inorganic Chemistry Department.

Interface design for the integration of micro- and nanoelectronic systems into hybrid components.

From December 2012, to May, 2013

**Administrative Assistant**

Fundación de Investigación en Red en Enfermedades Cardiovasculares, Madrid (Spain).

Management of medical research projects funded by the Seventh Framework Programme.

From March, 2011 to September, 2012

**Technologist Assistant**

Repsol Technology Center, Chemistry Technology Department, Móstoles (Spain).

Environmental impact reduction projects:

- Recovery of residual streams for energy valorisation.
- Development of the priority substances analytical campaign at Repsol industrial sites.
- Operation and management of a biological water treatment pilot plant.

From January 2010 to December, 2010

**Degree's Final Project: Silver nanoparticles synthesis in presence of poly(vinylpyrrolidone).**

Santiago de Compostela University, Nanotechnology and Magnetism Department.

Supervisors: Prof. Dr. Manuel Arturo López Quintela, Dr. Massimo Lazzari.

From March, 2007 to June, 2007

**Laboratory internship: Purification, quantitative determination and qualitative characterization of organometallic compounds.**

Technische Universität Berlin, Inorganic and Analytical Chemistry Department.

Supervisor: Prof. Dr. Timm Graening

**EDUCATION AND TRAINING**

- From February, 2013 to May, 2013 to **Energy 101**  
Georgia Institute of Technology (Online modality)  
The course reviews the driving forces of energy used in transportation, building heating and cooling, and manufacturing.
- From October, 2012 to January, 2013 to **Solar Cells, Fuel Cells and Batteries.**  
Stanford University (Online modality)  
The course focuses on the operating principles and applications of emerging technological solutions to the energy demands of the world, based on physics and chemistry of solar cells, fuel cells, and batteries.
- From November, 2011 to February, 2012 to **Business management training program for graduates**  
Francisco de Vitoria University  
This course is focused on business fundamentals, business English development, personal leadership, interpersonal communication skills, cross-cultural competences
- From March, 2011 to April, 2012 to **Master`s degree in teaching training. Speciality in Physics and Chemistry**  
La Rioja International University
- From October, 2012 to January, 2013 to **Master`s degree in Chemistry. Specialities in Structural Chemistry and Chemistry of Bioactive Compounds**  
Santiago de Compostela University

**PERSONAL SKILLS**

Mother tongue(s) Spanish

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C	C1
German	B1	B1	B1	B1	B1
Portuguese	B1	B1	B1	B1	B1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user  
Common European Framework of Reference for Languages

Computer skills Good command of Microsoft Office™ tools, data analysis and graphing software, and management software.