



FULBRIGHT Portugal

Grantees

Academic year 2019/2020

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Fulbright Grant for Visiting Scholars



Carina Isabel Soares da Cunha, Universidade do Minho – Columbia University

August 2019 (9 months) – Neuroscience

Carina will be doing research on the anatomical and functional connections between the NAc D1- and D2-MSNs and the VP, and reciprocal GABAergic, glutamatergic and cholinergic projections, and how relevant are these connections for motivated/rewarded behavior.



David de Sousa Vale, Universidade de Lisboa – University of California-Berkeley

March 2020 (4 months) – Transportation

David will be developing a project that has the objective of overcoming two major shortcomings of accessibility measurement, essential to promote planning for accessibility and associated sustainable urban mobility:

- a) Explicitly include cost as a variable in the measurement of accessibility, as speed comes at a cost, and not everyone can pay to travel at a certain speed;
- b) Consider different travel modes as complementary to each other and not only as competitors, and reflect this complementarity in the measurement of accessibility, in order to understand what can constitute a real alternative to car traveling when considering door-to-door travel.



**Marco Paulo Seabra dos Reis, Universidade de Coimbra - Massachusetts
Institute of Technology**

January 2020 (5 months) – Engineering

Marco will be working with the goal of developing intelligent tools for supporting non-specialized users in data intensive environments, as well as creating new technology to meet critical challenges hitherto unsolved in I4.0.

Fulbright Grant for PhD



**Eunice Silva, University College London, Universidade de Coimbra and
Københavns Universitet – University of Massachusetts at Amherst**
August 2019 (5 years) – Anthropology

Eunice Silva will be working towards a PhD degree at the Department of Anthropology at the University of Massachusetts Amherst, MA. Eunice's program will be focused on Sociocultural Anthropology, a subfield of Anthropology dedicated to the study of different forms of human social life and cultural experience.



Miguel Torres, Universidade de Lisboa – University of Texas at Austin

August 2019 (5 years) – Engineering

Miguel Torres will be working towards a PhD degree at the Graduate School of the University of Texas at Austin, TX, for advanced study in Chemical Engineering. Miguel is especially motivated by the creation and development of technology, particularly in what pertains to environmental technology and carbon capture. Having to pinpoint specific areas of science for specialization he would like to give special emphasis to thermodynamics and reaction engineering.

Fulbright Grant for Masters



**Ana Rita Barbosa, Universidade Nova de Lisboa and Università di Bologna –
Florida State University**

August 2019 (2 years) – Film Studies

Ana Rita Barbosa will be completing a Motion Picture Arts – Production – Master of Fine Arts program at the Florida State University in Tallahassee, FL. After completing her master's degree, Ana Rita plans to write and direct her own films.



Claudia Meca van den Berg, Edinburgh University – Duke University, Nicholas School of the Environment

September 2019 (2 years) – Environmental Sciences

Claudia wants to understand how alternative agroecological projects impact fringing biodiversity or may be used as methods to improve food security and the efficiency of crop cultivation. Working on her MS at Duke-NSE will not only provide her with the scientific basis of environmental problems, but also with a hands-on-approach to policy solutions.



**Maria Teresa Morais Leitão, Universidade Católica de Lisboa –
Massachusetts Institute of Technology**

August 2019 (2 years) – Business and Administration

Teresa wants to pursue the Fintech area through the MBA tools. Her objective is to support everyday consumers by making finance closer, more efficient, and useful. The MIT Sloan MBA program will offer her the best possible opportunity.



Marta Ramos, Universidade Nova de Lisboa – New York University

August 2019 (2 years) – International Relations

Marta Ramos will be completing a Master of Arts program in Politics at the Graduate School of Arts & Science of the New York University, NYC. Marta would like to discover an area that meets both political science and international relations by studying the practical ways in which decision-making can be influenced in democratic politics but also in international politics.



Sara Ferreira, Universidade Nova de Lisboa – Harvard University

August 2019 (2 years) – Law

Sara Ferreira will be completing a LL.M program at the Harvard Law School, MA. Sara plans to specialize in Public International Law and to be in contact with international trade and commerce, international litigation and arbitration in order to develop an understanding of international law, of the interconnections between its different fields and its relationship to domestic law.

Fulbright Grant for Research



**Ana Francisca Mendes, Universidade do Porto – Johns Hopkins University,
Bloomberg School**

October 2019 (9 months) – Public Health

Ana Francisca has been researching asthma and nutrition within the scope of her PhD in Public Health. She plans to specialize in epidemiology, focusing on the influence of childhood dietary patterns and growth trajectories on asthma development. To be able to develop part of her program in the U.S. will be a unique opportunity regarding academic and professional levels in her area of interest.



Margarida Neves, Universidade de Coimbra – University of Maryland
September 2019 (4 months) – Philosophy

As a PhD student in Philosophy, Margarida studies Music's ontology and emotions, while teaching Music in high school too. Conducting interdisciplinary research on Music and Philosophy, she is particularly interested in contemporary musical performance. Visiting the Department of Philosophy in UM will help her to improve practice and theory in the fields that she is bringing together.



Maria Carolina Oliveira, Universidade de Coimbra and Universidade de Lisboa – Chicago Center for Family and Health

March 2020 (4 months) – Psychology

Within the scope of her PhD in Clinical Psychology, Maria Carolina focuses on the intervention of palliative care, mainly family caregivers. Visiting CCFH, renowned for its innovative community-based model to strengthen families at risk or facing multi-stress challenges, will provide her with post-graduate training in family therapy in collaboration with a multidisciplinary team.



**João Barata, Universidade de Santiago de Compostela – Brookhaven
National Laboratory, New York**
January 2020 (9 months) – Physics

João's area of interest is Heavy Ion Physics, with a focus on the phenomenological aspects of the field. While in Brookhaven, a Laboratory with seven Nobel Prize-winning discoveries, he will be able to perform research in theoretical high energy nuclear physics.

Fulbright Grant for
Research, with the Support
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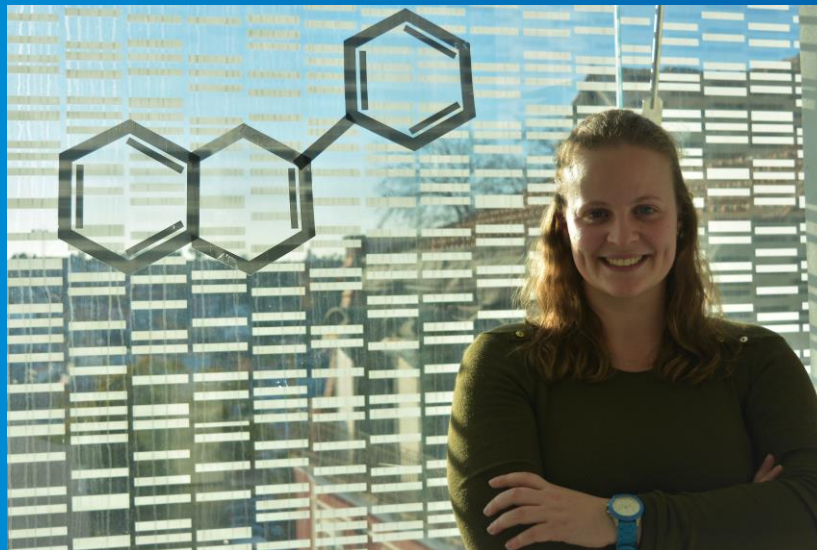
Adriana Carvalho, Universidade de Coimbra – University of Arkansas for Medical Sciences, Medical Center for Osteoporosis and Metabolic Bone Disease
January 2020 (4 months) – Chemistry

Adriana is a PhD student in Medical Sciences, and she wants to specialize in metabolism and disease. More specifically, in osteoclast and mitochondria. As a Visiting Student Researcher at UAMS, Adriana will have the opportunity to gain deeper knowledge in the study of the estrogen signaling in osteoclasts and to perform in vivo experiments.



Afonso Bento, ISCTE-IUL– City University of New York
September 2019 (5 months) – Anthropology

Afonso wants to examine how moral categories that stem from judicial bureaucracy are used and transformed in day-to-day life in the prison by guards, prison counselors, and inmates. During his time at CUNY, he will be able to interact with faculty specialized in themes central to his PhD thesis.



**Ana Filipa Raimundo, iBET-Instituto de Biologia Experimental e Tecnológica –
University of Kentucky**

September 2019 (4 months) – Biomedicine

Ana Filipa plans to specialize in pathophysiology of common features of Type 2 Diabetes Mellitus and diabetes-associated dementia, exploiting the consequences of amylin oligomerization. Spending time in the Department of Pharmacology and Nutritional Sciences, University of Kentucky, will provide her with the necessary lab expertise.



Augusto Mendes, Universidade do Minho – Harvard Medical School

February 2020 (9 months) – Neuropsychology

As a Visiting Student Researcher at the Spaulding-Labuschagne Neuromodulation Center in Harvard Medical School, Augusto will be able to develop his skills in non-invasive brain neuromodulation. His goal is to learn abnormal cognitive processing for a better understanding of several clinical conditions.



Carolina Ruivo, Universidade do Porto – University of Texas

September 2019 (9 months) – Biomedicine

Carolina's PhD work is in the area of Pancreatic Cancer and Cell Biology. As a Visiting Student Researcher at the MD Anderson Cancer Center, UT, she will be particularly interested in a subtype of extracellular vesicles called exosomes and the mechanisms by which they are mediating the cooperation of pancreatic cancer cells and promoting tumor progression.



**Cláudia Azevedo, Instituto de Ciências Biomédicas Abel Salazar –
Universidade do Porto – Massachusetts Institute of Technology**
October 2019 (6 months) – Biomedicine

As a Visiting Student Researcher at the Department of Mechanical Engineering, MIT, Cláudia wants to focus on Nanomedicine for drug delivery on metabolic disease and in vivo/in vitro correlation of drug absorption using cell-based co-culture models.



Daniel Rodrigues, Universidade do Porto – Massachusetts Institute of Technology

October 2019 (4 months) – Mechanical Engineering

Specializing in Design and Mechanical Construction, Daniel studies the aspects related to structural mechanics, materials, and additive manufacturing processes. As a Visiting Student Researcher at the Mechanosynthesis Group, MIT, he hopes to develop multidisciplinary research that combines numerical methods, automation, and experimental fields.



Diana Rodrigues, Universidade do Minho – Massachusetts Institute of Technology

September 2019 (4 months) – Neuroscience

Diana's research objective is to understand the molecular mechanisms underlying stress response and its long-term impact on brain function. As a Visiting Student Researcher at McGovern Institute, MIT, she hopes to learn how to combine electrophysiological recording with single cell RNA sequencing technology to identify gene expression changes in functionally defined neurons. This new technique will greatly facilitate Diana's PhD project.



Diogo Silva, Universidade de Lisboa – University of California, San Francisco
November 2019 (7 months) – Pharmaceutical Chemistry

As a Visiting Student Researcher at the Department of Pharmaceutical Chemistry, UCSF, Diogo hopes to acquire new fundamental skills to continue developing his PhD project on chemical tools that enable human's disease studies or that have therapeutic effects.



Eduardo Campos, Universidade do Minho – Columbia University

October 2019 (8 months) – Neuroscience

Under the scope of his PhD research in Neuroscience, Eduardo hopes to contribute to the knowledge about the adult mammalian hippocampal cytogenesis field, discovering new modulators and targets to ameliorate the antidepressants action. Eduardo will highly benefit from the state-of-the-art electrophysiological facilities that Doctor Christoph Anacker's Lab at Columbia University has to offer.



**Filipa Lopes, Universidade Nova de Lisboa and École Nationale des Chartes, Paris –
University of California, Riverside**
January 2020 (4 months) – History

As a PhD student in History, Filipa researches a pre-modern Portuguese family archive and intends to specialize in Historical Archivistcs. Since the American Archival Studies is taking the lead on new theoretical and methodological perspectives, Filipa hopes to enrich her understanding of social identities and cultural change during her time visiting the Department of History in UCR.



Francisco Carvalho, Universidade do Minho – University of Washington, Seattle, College of the Environment, School of Aquatic and Fishery Sciences
April 2020 (6 months) – Environmental Biology

Francisco's research focuses on the trophic interactions between invasive species and ecological consequences for native communities and ecosystem functioning. The School of Aquatic and Fishery Sciences is ranked as one of the top-five programs in its field, therefore offering him a unique opportunity to work with the most talented freshwater ecologists in the world.



Inês Moranguinho Moura, Universidade de Lisboa – Scripps Research Institute, Florida, Immunology and Microbiology
October 2019 (6 months) – Health Sciences

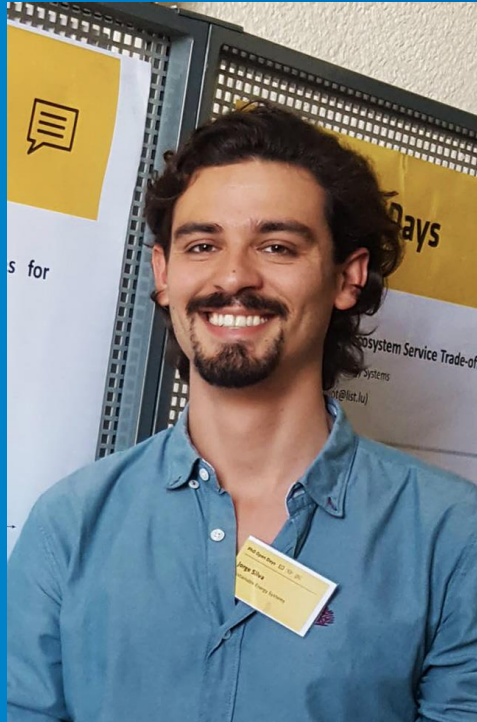
Inês' work focuses on molecular biology applied to the development of new therapeutics using in vitro and in vivo models. During her time at Scripps Research Institute, she plans to further explore the mechanisms for HIV replication and the production of new tools and drugs for the treatment of HIV infection.



João Oliveira, Nova School of Business and Economics – University of Minnesota

September 2019 (9 months) – Economics

João studies Macroeconomics and wants to specialize in heterogeneous agents' models to analyze structural change and macroprudential policy. The Department of Economics, UM, renowned for the joint workshops with the Federal Reserve Bank of Minneapolis, will help him to devise solutions for his research.



Jorge Marques Silva, IST-Universidade de Lisboa – Massachusetts Institute of Technology

September 2019 (6 months) – Sustainable Energy

Jorge's research is on Predictive Control of Renewable Energies, namely Wave Energy using Soft Computing techniques. This topic aligns well with the Ocean Renewable Energy Program of the Laboratory for Ship and Platform Flows at MIT.



José Almeida, Universidade do Porto – Louisiana State University

January 2020 (5 months) – Chemistry

José's objective is to study the cytotoxicity of porphyrin-based photosensitizers to be used in the photodynamic therapy of cancer. During his time visiting the Department of Chemistry in LSU, he wants to profit from the high expertise of its research group on photodynamic therapy of cancer.



José Pereira, Universidade de Aveiro – Rutgers, The State University of New Jersey

October 2019 (4 months) – Biotechnology

José's passion is Computational Chemistry. As a PhD student, he wants to produce targeted and rational proteins or peptides on demand, and he has been developing code with that objective in mind. Therefore, the Institute for Quantitative Biomedicine in Rutgers, the world-wide headquarters of the Protein Data Bank, is an indispensable resource for his goals.



Juliana Monteiro, Universidade de Lisboa – Northern Arizona University,
College of Engineering, Forestry and Natural Sciences
October 2019 (4 months) – Environmental Sciences

Juliana plans to specialize in the areas of bryophyte functional ecology and ecological restoration. Visiting the School of Forestry in NAU, known for its cutting-edge research, she wants to acquire substantial conceptual and technical expertise in ecological restoration using biocrusts in a greenhouse facility.



Maria Inês Mendes, Universidade de Coimbra – Louisiana State University
January 2020 (5 months) – Medicinal Chemistry

Maria Inês studies Medicinal Chemistry and wants to develop new “Molecular contrast agents for Photoacoustic Tomography”. She believes that a sojourn in the U.S. with a leading research group in the synthesis of promising molecules for diagnosis will be truly helpful on continuing her journey as a researcher.



Rita Sá Ferreira, Universidade Nova de Lisboa – Mayo Clinic Graduate School of Biomedical Sciences, Rochester, MN
January 2020 (4 months) – Bioengineering

As a PhD researcher, Rita is interested in studying aging associated cell senescence, particularly in vascular endothelial cells. Due to the experience of the working group and resources to develop laboratory work, Rita believes that Mayo Clinic will help her to gain further knowledge on her thesis project.



Tatiana Moraes, Universidade Nova de Lisboa – University of California, Santa Barbara

September 2019 (4 months) – Law

Tatiana's research is on gender issues and forced migrations. During the data collection in different continents, paradoxes in participants' discourse have emerged, and while visiting the Department of Communication in UCSA, Tatiana wants to study the impact of time, space, and culture in those paradoxes.



Teresa Martins, Universidade do Porto – Harvard University

January 2020 (8 months) – Biomedicine

Teresa studies new microbial enzymes, including their role in natural products biosynthesis, specificity, function, and distribution in Nature. A renowned laboratory and specialists in microbial enzymology and biosynthesis in Harvard University will help her to perform a decisive part of her work.



Tiago Augusto, Universidade do Porto – Beckman Research Institute of the City of Hope, CA

September 2019 (5 months) – Biology

Tiago is specializing in breast cancer treatment, focusing particularly on the mechanisms of resistance to aromatase inhibitors and the search for new and potent AIs. The laboratory at Beckman Institute, specialized in the study of aromatase, will provide him with the scientific tools and skills necessary to achieve his goals.



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