

EDUCATION

University of Oxford

DPhil (PhD) in Genomic Medicine and Statistics · 2019–2023

- *Thesis*: Analysis of Epistasis in Human Complex Traits
- *Supervisor*: Prof. Simon R. Myers
- Awarded *Wellcome Trust Studentship* (incl. £40,000 research grant) · 2019–2023
- Awarded *Jesus College Graduate Scholarship* · 2022–2023

University of Edinburgh

MSc in Statistics with Data Science (Distinction) · 2017–2018

- Awarded *School of Mathematics Prize* given to the top two students · 2018

University of Oxford

MPhil in Economics · 2012–2014

Universidade Nova de Lisboa

Bachelor's in Economics · 2009–2012

- Awarded *Merit Scholarship* for the top combined 1st- and 2nd-year grade · 2011
- Exchange semester at **Bocconi University** · 2011

EXPERIENCE

Columbia University, Department of Biological Sciences · New York, USA

Postdoctoral Research Scientist, Prof. Molly Przeworski's group · Nov 2024–*present*

University of Oxford, Department of Statistics · Oxford, UK

Postdoctoral Research Assistant, Prof. Simon R. Myers' group · Feb–Aug 2024

Teaching Assistant · Oct 2021–Jan 2022

University of Oxford, Department of Economics · Oxford, UK

Research Assistant · Sep 2015–Jul 2017

European Commission, Directorate-General for Competition · Brussels, Belgium

Trainee · Mar–Jul 2015

NOVAFRICA · Maputo, Mozambique

Research Assistant · Jul–Nov 2014

McKinsey & Company · Lisbon, Portugal and Luanda, Angola

Business Analyst Intern · Jul 2013 and Jul 2012

PAPERS

Ferreira, L.A.F., Hu, S., Myers, S.R. Polygenic scores enable discovery of genetic interactions affecting human complex traits. *In preparation*.

Hu, S., Ferreira, L.A.F., Shi, S. *et al.* Fine-scale population structure and widespread conservation of genetic effect sizes between human groups across traits. *Nat. Genet.* 57, 379–389 (2025).

Ignatieva, A., Ferreira, L.A.F. Phantom epistasis through the lens of genealogies. *bioRxiv* (2024).

LANGUAGES

Portuguese (native) · English (fluent) · French (intermediate)

SKILLS

Statistics: R *Scripting*: Bash, Python

Genomics: Plink, Snakemake *Others*: Git, L^AT_EX