

Lou ZACCARON

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Research fields

Innovation, Development, Scientific Research.

Current position

2024-2027 | 1st Year PhD student at Bordeaux School of Economics (BSE), University of Bordeaux, in Economics.

Education

2022-2024 | **MSC** | UNIVERSITY OF BORDEAUX – UNIVERSITA' DE LA SAPIENZA DI ROMA (ITALY - ERASMUS)

- Economics of Innovation: Masters of Research.
- Option: Intelligence Economics and Strategic Watch.
- Dissertation: *Is corporate science declining in Europe? Evidence based on R&D-intensive companies in Europe.*
- Supervisors: *Valerio Sterzi (BSE), Diego Useche (BSE).*
- Main modules: Econometrics, Intelligence Economics, Industrial Economics, Economics of Science, Numerical tools for Econometrics (Stata, R, Python), Urban and Regional Economics.

2018 - 2021 | **BSC - DOUBLE DEGREE** | UNIVERSITÉ DE GRENOBLE – UNIVERSITY OF KENT (UNITED KINGDOM – ERASMUS)

- Double-degree in Economics and Languages.
- Languages: Spanish and English – Professional level.
- Main modules: Econometrics, Statistics, Mathematics, Microeconomy, Macroeconomy, Economic Theory, Monetary Economics, Financial Analysis, Accounting, Political Economy.

2015 - 2018 | **A-LEVELS** | LYCEE DU DAUPHINE

- Scientific A-levels (options in Mathematics, Earth Science, Chemistry and Physics).
- With Honors.

Internship in Research

MAY-JUNE 2023 | **RESEARCH ASSISTANT** | CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - BSE

- Project CNRS « Prématuration » – « L'intelligence artificielle au service de la prédiction des litiges des brevets » (*Prematuration - Artificial Intelligence and the Prediction of Patent Litigation*).
- Database creation and cleaning, coding, data analysis and reporting on patent trolls.
- R, Stata.

Past Professional Experiences

NOVEMBER 2023 – APRIL 2024 (6 MONTHS) | RESEARCH ASSISTANT | AGENCE NATIONALE DE LA RECHERCHE - BSE

- Project ANR « La valeur de la Science d'Entreprise en Europe » (*The Value of Corporate Science in Europe*).
- Research assistant at BSE: review of the previous literature, creation and cleaning of database with coding (R and STATA), descriptive and econometrical analysis.
- Databases used: Orbis IP (financial and patent data), Scopus (publication data), SCImago Journal Rank (journal quality data).

APRIL 2022 – SEPTEMBER 2022 (6 MONTHS) | ASSISTANT TO THE ACCOUNTING OFFICER | FRENCH EMBASSY IN THE UK: FRENCH INSTITUTE

- General accounting, use of accounting software (AGE) and spreadsheets.
- Legality checks of agreements before approval.
- Monitoring and construction of contracts between collaborating entities.
- Expense and revenue control.

OCTOBER 2021 – MARCH 2022 (6 MONTHS) | MANAGER AND ACCOUNTANT | MUSIC AND FASHION EXCHANGE LONDON

- Staff management: scheduling, task distribution for employees, store organization, staff training.
- Accounting for the seven stores: data collection and processing.

2018 – 2021 | VARIOUS STUDENT JOBS | FRANCE AND UNITED KINGDOM

- Hospitality, food commerce, activity animation.

Skills

ECONOMICS

- Econometrics,
- Economics of innovation,
- Economic and market analysis,
- Financial analysis.

RESEARCH

- Econometric and descriptive analysis,
- Database creation and cleaning,
- Literature review,
- Academic paper writing,
- Seminar presentation.

DATA ANALYSIS

- Coding (R, Stata, Python),
- Exploitation of scientific publications (Scopus), patent (Orbit, Intellixir), financial (Orbis, Zephyr), data visualisation (Gephi) databases,
- Statistical and econometrical data analysis (XL Stat, Excel, Stata, R),
- Cartography and geographical information systems (QGIS),
- Other: Github, AGE (accounting).

Seminars and workshops

DECEMBER 2024 | WICK INNOVATION WORKSHOP | TURIN (ITALY)

- Presentation of the draft of the first paper: *Is corporate science declining in Europe? Evidence from European R&D-intensive companies.*

NOVEMBER 2024 | PHD SEMINAR | BORDEAUX SCHOOL OF ECONOMICS

- Presentation of the draft of the first paper: *Is corporate science declining in Europe? Evidence from European R&D-intensive companies.*

Work in progress

COLLABORATIVE PAPER | IS CORPORATE SCIENCE DECLINING IN EUROPE? EVIDENCE BASED ON R&D-INTENSIVE COMPANIES

- In collaboration with Valerio Sterzi (BSE) and Diego Useche (BSE)
- Previous research has noted a decline in publishing activity among large R&D-intensive U.S. companies up until the late 2000s. In this paper, we shift the focus to large R&D-intensive European firms, analyzing a more recent period from 2007 to 2022. Using firm-level financial data matched with publication records, we find that the research output of these firms, measured by the quantity and quality of scientific articles, has increased over time. However, this growth is primarily driven by increased collaboration between firms and universities. We conclude by discussing the policy implications of these findings.

Volunteering experiences

- Volunteering in several hostels: Albania (1 month), Slovakia (1 month), Italy (1 month).
- Reception, language exchange, tourist tours...

Languages

French (mother tongue), English (fluent), Spanish (professional level), Italian (conversational level).