

Lou ZACCARON

Bordeaux School of Economics
University of Bordeaux
16 avenue Léon Duguit
Bât H2, CS50057
33608 Pessac CEDEX, France
Citizenship: French

lou.zaccaron@u-bordeaux.fr
+33 613214522

Research Interests

Primary: Economics of Innovation.

Secondary: Scientific Research, Corporate Science, Development.

Doctoral Studies

2024-now | BORDEAUX SCHOOL OF ECONOMICS (BSE), University of Bordeaux

The Business of Science: Understanding the Value of Firm-Academic Publications,

Thesis director: Prof. Valerio Sterzi (BSE)

Thesis co-director: Diego Useche (BSE)

Research funding: Programme de recherche ANR

Pre-Doctoral Studies

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

- Economics of Innovation: Masters of Research.
- Option: Intelligence Economics and Strategical Watch.
- Dissertation: *Is corporate science declining in Europe? Evidence based on R&D-intensive companies in Europe.*
- Supervisors: Prof. 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)

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

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

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

Trainings

JUNE 2025 | REGIS SUMMER SCHOOL | BORDEAUX

Subjects: theoretical models of artificial intelligence, electronic dissertations, scientific publications and NPL-references for research, patent and data analysis, mapping innovation in space, innovation, energy and climate change, migration and innovation.

JULY 2025 | KID SUMMER SCHOOL | NICE

Subjects: firm innovation, technological trajectories in AI, economics of artificial intelligence, performance distribution.

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 in Research

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).

Skills

ECONOMICS

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

RESEARCH

- Econometric and descriptive analysis,
- Database creation and cleaning,
- Literature reviewing,
- Academic paper writing,
- Seminar presenting.

DATA ANALYSIS

- Coding (R, Stata, Python),
- Exploitation of scientific publications (Scopus, OpenAlex), patent (Orbit, Orbis IP, 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 Conferences

JUNE 2025 | REGIS SEMINAR | (ONLINE)

Presentation and discussion of a published paper by Baruffaldi and Poege, 2024.

JANUARY 2025 | DRUID CONFERENCE | AALBORG (DENMARK)

Presentation of my research and discussion of a paper.

DECEMBER 2024 | WICK INNOVATION WORKSHOP | TURIN (ITALY)

Presentation of my research.

NOVEMBER 2024 | PHD SEMINAR | BORDEAUX SCHOOL OF ECONOMICS

Presentation of my research.

Work in Progress

COLLABORATIVE PAPER | THE BUSINESS OF SCIENCE: UNDERSTANDING THE VALUE OF FIRM-ACADEMIC PUBLICATIONS

- In collaboration with Valerio Sterzi (BSE) and Diego Useche (BSE)
- This study investigates publishing trends among large R&D-intensive firms in Europe and in the U.S. in the recent period. We build a brand new dataset of corporate publications that we match with firm-level financial and patent information for more than 2'150 companies. We find that European firms' research output, as measured by the quantity and quality of scientific publications, has increased over time. This upward trend contrasts with previously observed declines in publishing activity among large R&D-intensive U.S. firms, a trend that has yet to be observed in the more recent period of our data. Notably, this growth is primarily driven by increased collaboration with academic institutions. The observation of this change in publishing practices raises several questions that we cover in this paper: What is the role played by financial markets in enhancing this behavior in the short term? Does collaboration between universities and industries enhance follow-on solo-corporate science? We build on the results to these questions to conclude with policy recommendations.

Other - Languages Spoken

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