

Basile Dubois

PHD CANDIDATE · FINANCIAL ECONOMICS

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PhD Candidate

Toulouse School of Economics

SEPT 2019 - JUNE 2025

PHD CANDIDATE

TOULOUSE, FRANCE

Supervisor: Alexander Guembel

One year of doctoral coursework

Columbia Business School

FALL 2022

STAFF OFFICER OF RESEARCH - VISITING POSITION

NEW YORK, USA

Sponsor: Olivier Darmouni

RESEARCH FIELDS

Primary: Corporate finance, financial intermediation, banking

Secondary: Monetary policy, empirical IO

Job Market Paper

Banking under large excess reserves

WITH PAUL RINTAMÄKI, AALTO

UNIVERSITY

ABSTRACT: We examine the effects of quantitative easing (QE) on bank lending in the Eurozone. QE has substantially increased central bank reserves held by commercial banks and raised the volume of short-term wholesale deposits, which made bank funding less stable. Because of Basel III regulation, large volumes of excess reserves and short-term wholesale deposits curtail bank lending. We develop a structural model incorporating imperfect competition in credit and deposit markets and regulatory costs that escalate as banks approach minimum requirements. This framework allows us to quantify the cost of specific regulatory constraints and assess how excess reserves contribute to regulatory costs. In France, QE increased the marginal cost of long-term lending by 16 basis points in Q4 2021. Counterfactual analysis indicates that maintaining reserves at their 2019 level of 2 trillion euros instead of 4 trillion euros would have boosted aggregate bank lending by approximately 5% in Q4 2021.

References

Alexander GUEMBEL

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Jean-Charles ROCHET

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Columbia Business School

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Job market officers

Ulrich HEGE

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Education

MRes in Economics TOULOUSE SCHOOL OF ECONOMICS Honours	2018 - 2019 TOULOUSE, FRANCE
MSc in Applied Mathematics UNIVERSITÉ PARIS 1 PANTHÉON SORBONNE First class honours	2016 - 2018 PARIS, FRANCE
MRes in Economics SCIENCES PO	2016 - 2018 PARIS, FRANCE
Bachelor in Mathematics UNIVERSITÉ PARIS 6 UPMC Honours	2013 - 2016 PARIS, FRANCE
Bachelor in economics UNIVERSITÉ PARIS 2 PANTHÉON ASSAS First class honours	2013 - 2016 PARIS, FRANCE

Working papers

Quantitative easing, inelastic markets and the transmission of asset Purchases

WORKING PAPER

ABSTRACT: I study the impact of asset purchases on the composition of institutional bondholders portfolios and how this acts as a transmission mechanism for quantitative easing: As the price of assets targeted by the purchases rises, investors search for yield and purchase untargeted assets, pushing up their price. I propose a mechanism where institutional bondholders take advantage of financial frictions before this policy transmission occurs. When asset purchases increase, institutional bondholders will first build up an inventory of specific bonds targeted by the purchases, diminishing the bonds available free float to squeeze out a profit from the Central Banks buying up the bonds. In a second phase, as prices for targeted assets stabilize, institutional bondholders will rebalance their portfolio towards bonds untargeted by the purchases as they search for yield, thereby transmitting quantitative easing to untargeted markets.

The effect of asset Purchases on the liquidity of the bond market

WORKING PAPER

ABSTRACT: I develop a theoretical model to analyze the impact of central bank intervention on the long run price of a bond. Bonds are defined as tradable debt assets that are set to be repaid after n periods and incur a default risk. Bondholders on the market incur a liquidity risk and might need to liquidate their assets, which can lead to market breakdown during a liquidity crisis. Central Bank intervention through asset purchases (QE) leads to price stabilization during QE, but at the cost of a long-run shift in prices and over-payment by the Central Bank. This leads to overborrowing in equilibrium after intervention. Reversing asset purchases through quantitative tightening will lead to a market crash as overborrowing firms become insolvent due to the shift of bond prices back to their steady state.

What you see is what you get paid: Transparency and CEO pay

WORKING PAPER

ABSTRACT: This paper presents a simple model of CEO compensation where salary is dependent on the internal characteristics of the firm and where the salary of one CEO exerts a positive externality on the salary of others. CEOs are considered interchangeable but costly to recruit outside the market, and are randomly matched with firms until they accept the firms offer. Since different firms have different levels of monitoring and prestige, and being part of different industries, CEOs enjoy different levels of private benefit when shirking in different firms. Using this model, we can shed light on how the degree of transparency affects CEO compensation. In equilibrium, some of the CEOs have their participation constraint binding while others have a binding incentive compatibility constraint. A change in the degree of transparency moves the participation constraint, inducing a change in wages for some CEOs. We find that the salary is more likely to increase than it is to decrease.

Work Experience

OECD

PARIS, FRANCE

CONSULTANT

APR. 2024 - OCT 2024

Project: Assessing effects of climate policies on capital allocation.

In charge of data handling and processing. Created a new homogenized cross-country database of high-frequency monetary policy shocks. Provided academic expertise in credit markets. Participated in ideation and drafting.

Teaching Experience

- 2023 **Corporate Finance, Bachelor**, Teaching Assistant for U. Hege
- 2023 **Microeconomics II, Bachelor**, Teaching Assistant for M-B. Bouissou
- 2022 **Corporate Finance, Bachelor**, Teaching Assistant for U. Hege
- 2022 **Microeconomics II, Bachelor**, Teaching Assistant for M-B. Bouissou
- 2020 **Corporate Finance, Masters**, Course coordinator, lecturer, tutorials

Fellowships & Awards

FELLOWSHIPS

- 2024 **Job market fellowship**, Toulouse School of Economics TOULOUSE, FR
- 2024 **8-month Banque de France Fellowship**, Banque De France/TSE TOULOUSE, FR
- 2023 **Research fellowship**, Toulouse School of Economics TOULOUSE, FR
- 2022 **TSE merit-based mobility grant**, Columbia University NEW YORK, USA
- 2019 **3-year PhD Fellowship**, Toulouse School of Economics TOULOUSE, FR
- 2016 **Erasmus scholarship**, Universitat Autònoma de Barcelona BARCELONA, ES
- 2015 **IDEX excellency fellowship**, Utrecht University UTRECHT, NL

OTHER

- 2023 **Confidential data access**, Banque De France/CASD PARIS, FR

Presentations

- 2024 **UAB ENTER seminar, TSE Finance Seminar**,
- 2022 **SMYE conference, AFA Poster Session, Columbia GSB Finance Phd Workshop**,

Technical skills

Programming R(***), Python(**), Julia(**), Stata(**) LaTeX(***)
Languages French (native), English (fluent), Spanish (A1), German (A1)