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EDUCATION Fuqua School of Business, Duke University

PhD, Finance

Barcelona School of Economics

Barcelona, Spain

MS, ITFD 2015-2016

Trinity College Dublin Dublin, Ireland

BA, Philosophy, Politics, Economics & Sociology (PPES) 2009-2013

Job Market Paper **Shareholder Voice and Executive Compensation**

Latest version (August 2023)

Can non-binding shareholder votes impact corporate policies? Answering this requires understanding how much the *threat* of a failed vote impacts corporate decision-makers. I estimate a model of CEO compensation with non-binding shareholder approval votes ("Say-on-Pay"). CEO pay is set by the Board of Directors, which is imperfectly informed of CEO skill and biased towards offering a high wage. Shareholders, whose beliefs about the CEO may differ from the Board's, decide to pass or fail the Say-on-Pay (SOP). Failed votes are perceived as costly by the Board and shareholders. To match observed pay levels and failure rates, the cost of SOP failure to the Board (shareholders) must be equivalent to 2.06% (0.76%) of firm value. The Board cost reveals that the (off-equilibrium) threat of SOP failure disciplines wages, even with high SOP support; yet shareholder impact on wages is limited by their own cost. Using my estimates, I construct a counterfactual SOP mechanism in which a focal shareholder holds an advisory position on the Board; this mechanism lowers the SOP failure rate, decreases wages and increases firm value.

WORKING Papers Project Development with Delegated Bargaining: The Role of Elevated Hurdle Rates

with Bruce Carlin, Alan Crane and John Graham SSRN (April 2023)

During project development, investment costs are endogenously determined through delegated bargaining with counterparties. In surveys, nearly 80% of CFOs report using an elevated hurdle rate, the implications of which we build a model to explore. We show that elevated hurdle rates can convey a bargaining advantage that exceeds the opportunity cost of forgone projects, whether these hurdle rate buffers arise for strategic or non-strategic reasons. Using CFO survey data, we find buffer use is negatively related to the cost of capital and to bargaining power, consistent with our model's predictions, and that realized returns are associated with "beat the hurdle rate benchmark" behavior.

PUBLICATIONS

Corporate Flexibility in a Time of Crisis

with Murillo Campello, John Graham and Yueran Ma

Journal of Financial Economics (June 2022)

We use the COVID shock to study direct and interactive effects of several forms of corporate flexibility on short- and long-term real business plans. We find that i) workplace flexibility, namely the ability for employees to work remotely, plays a central role in determining firms' employment plans during the health crisis; ii) investment flexibility allows firms to increase or decrease capital spending based on their business prospects in the crisis, with effects shaped by workplace flexibility; and iii) financial flexibility contributes to stronger employment and investment, in particular when fixed costs are high. While the role of workplace flexibility is new to COVID, CFOs expect lasting effects for years to come: high workplace flexibility firms foresee continuation of remote work, stronger employment recovery, and shifting away from traditional capital investment, whereas low workplace flexibility firms rely more on automation to replace labor.

RESEARCH INTERESTS Corporate finance, capital budgeting and investment, corporate governance, executive compensation, shareholder voting, structural estimation

Conferences & Seminars 2023 AFA, LBS TADC, Inter-Finance PhD Seminar, Duke University (scheduled)

2022 Duke University

2021 AFA. ITAM Finance Conference

2020 Duke University (×2)

RESEARCH
EXPERIENCE

Fuqua School of BusinessDurham, NCResearch Assistant for John Graham2019-2023

Head RA for the 2021 AFA Presidential Address

Research Assistant for Adriano Rampini & S. Vish Viswanathan

2019-2020

Research Assistant for Alon Bray

2018-2019

Harvard Business SchoolResearch Associate
Boston, MA
2017-2018

Princeton University Princeton, NJ
Research Associate 2016-2017

Durham, NC

2019-2023

2019-2023

TEACHING EXPERIENCE

Fuqua School of Business

Head Teaching Assistant

Corporate Finance (MBA)

John Graham

Empirical Methods in Corporate Finance (PhD)

Manuel Adelino and Jillian Grennan

TECHNICAL

Python, Julia, R, SQL, Stata, SAS, Git

Skills

Machine learning, neural networks, efficient algorithm design, structural estimation