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Department of Economics
University of Washington
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- Education**
- University of Washington**, Seattle, WA
Ph.D., Economics, 2012-Present
Committee: Mu-Jeung Yang (Chair), Philip Brock, Jarad Harford, Xu Tan
MA, Economics, 2014
 - San Francisco State University**, San Francisco, CA
MA, Economics, 2011
 - UCSD**, San Diego, CA
BA, Economics, 2003
- Research Interests** Financial Economics, Corporate Finance, Microeconometrics
- Publications**
- Chattopadhyay, Chattopadhyay, and Fan. Cost-Efficiency in Medicaid Long-term Support Services: The Role of Home and Community Based Services, *Springer-Plus (Business & Economics)* 2:305. DOI: 10.1186/2193-1801-2-305, 2013.
- Working Papers**
- Strength in Diversity: How Board Heterogeneity Influences Investment, R&D, and Product Differentiation (Job Market Paper)
 - Ties that Differentiate: How Board Networks Shape Innovation and Competitive Positioning with Mu-Jeung Yang
- Works in Progress**
- Who Needs Help? When do new CEOs bring in outside experts.
 - How does R&D Spillovers affect firm productivity? Evidence from corporate director networks (with Mu-Jeung Yang)
 - Does Institutional Ownership Harm Firm Competition? Evidence of Tacit Collusion from Major Stakeholders.
- Awards and Fellowship**
- The Langton Award for Distinguished Undergraduate Teaching 2014
 - Graduate Teaching Assistantship, University of Washington 2012-2016
- Presentations**
- MTI Brownbag March 2016, October 2017
 - Micro Brownbag April 2017
 - Graduate Workshop October 2017
- Teaching Experience**
- University of Washington, Department of Economics
Instructor
- Computational Finance and Financial Econometrics Spring 2018
 - Intermediate Macroeconomics 2014-17
 - Intermediate Microeconomics 2014
 - Introductory Macroeconomics 2014-15
 - Introductory Microeconomics 2015
- San Francisco State University, Department of Economics
Instructor

- Intermediate Macroeconomics Summer 2017
- Introductory Macroeconomics 2010-11
- Introductory Microeconomics 2010-11

University of Washington, Fosters Business School
Teaching Assistant

- Information Systems Autumn 2017

University of Washington, Department of Economics
Teaching Assistant

- Teaching Introductory Economics (Graduate Course) 2015-16
- Introductory Macroeconomics 2014
- Introductory Microeconomics 2012-13

Experience

- Lead Teaching Assistant 2015-16

Other

- Citizenship: United States
- Technical Skills: Matlab, R, Stata, Eviews, Access

References

- Mu-Jeung Yang
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- Philip Brock
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Paper Abstracts (Job Market Paper) : Strength in diversity: How board heterogeneity influences Investment, R&D, and Product Differentiation

Abstract:

An extensive literature has analyzed the monitoring function of corporate board directors, yet analyses of the advising role of corporate directors have been rare. This study fills this gap by constructing director-specific industry expertise measures for all directors of S&P 1,500 firms from 2003-2013. I analyze both the determinants of the demand for directors with diverse industry expertise as well as the impact of director diversity on investment and firm performance. Exploiting exogenous variation on director deaths I show that increased board diversity systematically impacts capital expenditures, R&D expenditures, and optimal product differentiation in major corporations.

Ties that Differentiate: How Board Networks Shape Innovation and Competitive Positioning *with Mu-Jeung Yang*

Abstract:

There is a widespread view that outside directors are crucial to monitor and advise corporations. In fact, directors sitting on multiple boards has become an increasingly popular practice in recent years, leading to many firms being connected or "interlocked" through board of directors. We explore the role that this network of outside directors plays in shaping competitive positioning and innovation at publicly traded companies. To estimate causal effects, we exploit exogenous variation of director deaths to show that firms that are closer connected through board networks are more differentiated in terms of product market rivalry, product descriptions and even patenting and patent citations. Furthermore, we investigate the degree to which these results can be explained by tacit collusion as opposed to reductions in wasteful duplication of effort.

Cost-efficiency in Medicaid long-term support services: the role of home and community based services *With Arpita Chattopadhyay and Sudip Chattopadhyay*

Abstract:

Growth in home and community based services (HCBS) has been implicated in rising long-term care expenditure in the Medicaid program. Its efficiency impact has not been tested. Using Stochastic Frontier Analysis (SFA) and panel data methods, we evaluated the cost efficiency of long-term support services (LTSS) provided by state Medicaid agencies and examined its association with intensity of HCBS use. We compared the efficiency of state funded HCBS programs with federal waiver programs. We found substantial variation in cost efficiency of LTSS programs by states, but all showed improvement over time related to increased HCBS use. Higher participation in federal waivers programs yielded additional improvements in cost-efficiency. Results indicate that increasing HCBS services targeted at high need population and developmentally disabled individuals would improve efficiency in LTSS delivery. These results reveal the importance of measuring and comparing efficiencies across Medicaid funded LTSS programs, as we introduce reforms in the LTSS delivery system. We recommend that Medicaid agencies invest in the development of improved data sources for the estimation of cost efficiencies of their programs.