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Sex: Male

EDUCATION:

Princeton University, Ph.D. Candidate, Economics
Princeton University, M.A., Economics, 2006
London School of Economics and Political Science, M.Sc., Economics, 2003
Federal University Rio de Janeiro B.A., Economics, 2002

GENERAL EXAMINATION FOR THE PH.D.:

May 2006

JOB MARKET PAPER: "Time to Produce and Emerging Market Crises"

ABSTRACT: This paper argues that interest rates affect output through their impact on the cost of variable inputs such as materials and labor. This effect occurs because of time lags in the production process. To test the theory, I exploit the following cross-sectional implication: industries that usually hold more inventories relative to their variable costs should react more strongly to changes in the cost of capital. I find that in the course of emerging market crises, there is a large and robust reallocation towards sectors with low inventory-to-cost ratios. Next, I set up a multi-sector general equilibrium model with production lags calibrated to be compatible with the inventory-to-cost ratios in the data. The model implies a sizeable and quick reaction of aggregate output in reaction to an isolated interest rate shock. Furthermore, exogenous shocks that replicate the movements in aggregate variables during the crises generate a sectoral reallocation compatible with the empirical predictions. All these results rely only on the assumption about the production technology, without any reference to financial or payment frictions.

MAJOR FIELDS OF INTEREST:

Macroeconomics and Monetary Economics
International Economics
Finance

EXPECTED DATE OF COMPLETION OF THESIS:

May 2010

PRINCIPAL THESIS ADVISOR:

Professor Nobuhiro Kiyotaki
Professor Markus Brunnermeier

FELLOWSHIPS:

Fellowship of Woodrow Wilson Scholars, Princeton University, 2007-2009
Princeton University Summer Fellowship, 2005-2007
Princeton University Graduate Fellowship, 2004-2007
MSc. Obtained with "Distinction", London School of Economics, 2003
Senior Thesis received 2nd prize in contest of Regional Council of Economics – Rio de Janeiro
CNPq Fellowship, 1999-2002
Second place in admissions exam for Pontifical Catholic University, 1999

PROFESSIONAL EXPERIENCE:

Tutor for WWS Summer Institute, Summer 2007

Teaching Assistant for Prof. Hyun Shin, *Corporate Finance and Financial Institutions* (graduate), Spring 2007

Teaching Assistant for Prof. Alan Blinder, *Introduction to Macro* (graduate), Fall 2006

Teaching Assistant for Prof. Hugo Boff, *Statistics II* (undergraduate), Federal University Rio de Janeiro

Consultant for the Directorship of Educational Evaluation and Information (Ministry of Education, Brazil), Summer 2005

Research Assistant for Prof.: Markus Brunnermeier.

Research Assistant for Profs.: Francisco Eduardo Pires de Souza, Antonio Luis Licha and Margarida Gutierrez (graduate 2003-2004 and undergraduate 1999-2002), Federal University Rio de Janeiro

PUBLICATIONS:

“The Brasil Alfabetizado Program its Mobilization Capacity: An analysis based on data from the national survey on literacy initiatives” (in Portuguese), with Marcelo Pessoa **in:** Ricardo Henriques, Ricardo Paes e Barros and Joao P. Azevedo (org.) Brasil Alfabetizado: Paths for Evaluation, UNESCO/IPEA/MEC, December 2006

“Estimate of Phillips Curve for Brazil with Disaggregated Prices” (in Portuguese), Brazilian Journal of Applied Economics, January/March 2006

“Trends in Child Labor in Brazil between 1992 and 2002” (in Portuguese) with Simon Schwartzman, ILO 2004

WORKING PAPERS:

“Heterogeneous Price Setting Behavior and Aggregate Dynamics: Some General Results” (2008), with Carlos Carvalho

“Time Series Properties of Inflation Expectations” (2006)

“Inflation Target Zone as a Commitment Mechanism” (2005)

WORK IN PROGRESS:

“External Finance, Internal Finance and Wages”

CONFERENCES AND PRESENTATIONS:

Latin American Meeting of the Econometric Society, Rio de Janeiro (Brazil), Oct/2008 (Paper: External Finance, Internal Finance and Wages)

Midwest Macro Meetings, Philadelphia (PA) May 2008 (Paper: Heterogeneous Price Setting Behavior and Aggregate Dynamics: Some General Results)

LANGUAGES:

Portuguese (native), English (fluent), German (advanced, at the Abitur level) French (reading and understanding at the level of Nancy examination), Spanish (reading and understanding).

PROFESSIONAL AFFILIATIONS:

Latin American Economic Association and European Economic Association

REFEREE EXPERIENCE:

Journal of Money, Credit and Banking

Management Science

REFERENCES:

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EARLIEST DATE FOR STARTING A JOB: Summer 2010