

# Marcelo de Albuquerque e Mello

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## Employment

Present-2009: Assistant Professor (Adjunct II), **Faculdades Ibmecc/RJ**, Rio de Janeiro, Brazil.

2008-2005: Assistant Professor (Adjunct I), **Faculdades Ibmecc/RJ**, Rio de Janeiro, Brazil.

2007-2002: Assistant Professor (*tenure track*), Department of Economics, **Virginia Tech (VT)**, Virginia, United States. (On leave 2005-2006)

2002-2001: Lecturer (full-time), Department of Economics, **University of Illinois at Urbana-Champaign (UIUC)**, United States.

2001-1999: Teaching Assistant (part-time), Department of Economics, **University of Illinois at Urbana-Champaign (UIUC)**, United States.

1995-1993: Lecturer (part-time), Department of Economics, **Pontifical Catholic University at Rio de Janeiro (PUC-Rio)**, Brazil.

## Visiting Positions

University of Illinois at Urbana-Champaign, February 2010

## Education

**Ph.D.**, University of Illinois at Urbana-Champaign (UIUC), **Economics**, 2002.

**M.Sc.**, University of Illinois at Urbana-Champaign, **Applied Mathematics**.

**M.A.**, PUC, Rio de Janeiro, Brazil, **Economics**.

**B.A.** PUC, Rio de Janeiro, Brazil, **Economics**.

## Education (cont'd)

Summer Course, “Empirical Strategies”, Prof. Joshua Angrist, 20hs, **CEMFI**, Madrid, Spain, 2008.

Summer Course, “Panel Data Econometrics”, Prof. Steve Bond, 20hs, **CEMFI**, Madrid, Spain, 2007.

Summer Course, “Panel Data Econometrics”, Prof. Manuel Arellano, 20hs, **CEMFI**, Madrid, Spain, 2006.

## Publications

1. Growth Equations: A Quantile Regression Exploration, *The Quarterly Review of Economics and Finance*, 43, 2003, pp. 643-667, (with Roberto Perrelli)
2. Finite Horizons, Human Wealth, and the Risk-Free Rate Puzzle, *Economics Letters* 85, Issue 2, November 2004, pp. 265-270, (with Roberto Guimarães-Filho)
3. A Note on Fractional Stochastic Convergence, *Economics Bulletin*, Vol. 3, 2007, no. 16, pp. 1-14, (with Roberto Guimarães-Filho).
4. Skilled Labor, Unskilled labor, and Economic Growth, *Economics Letters*, 100 (3), September, 2008, pp.428-431.
5. Estimates of the Marginal Product of Capital, 1970-2000, *The B. E. Journal of Macroeconomics*, 2009, vol. 9, issue 1 (Topics), article 16. Available at <http://www.bepress.com/bejm/vol9/iss1/art16>.
6. Stochastic Convergence among U.S. states, forthcoming at the *Macroeconomic Dynamics*

## Working Papers

1. Real Interest Rates, budget deficits, in the public debt in industrial and emerging markets, with Rafael Scherre, *revised and resubmit*
2. Do Speed Cameras Reduce Traffic Accidents and Fatalities?, co-authored with Daniela Ornelas, and Emanuel Ornelas, in progress
3. Decomposing the International Variation in Capital per Worker, *under review*
4. Obesity and Habit Formation, in progress
5. Dependency ratio and capital flows, in progress

## Seminars

2010: University of Illinois at Urbana-Champaign

2009: PUC-Rio

2008: IPEA-RJ

2007: IPEA-RJ, PUC-Rio

2006: Central Bank of Brazil, EPGE-FGV

2005: Ibmec/SP

2004: Ibmec/RJ

2002: Ibmec/SP; Ibmec/RJ; PUC-Rio; Bowling Green, OH, US; Virginia Tech; UIUC

## Conferences

2010: BRASA (Brazilian Studies Association)-Brasília (scheduled for July)

2009: SBFin-Porto Alegre, FGV-EESP, SBE-Foz do Iguaçu

2008: ESEM-Milan; LAMES-Rio de Janeiro, SBE-Salvador, MEA-Chicago

2006: SBE-Salvador, LAMES-Mexico, SEA-Charleston

2005: SEA-D.C., SBE-Natal,

2004: SEA-New Orleans

2002: MEA-Chicago

2001: MEA-Cleveland

## Graduate Advising (master level, in Portuguese)

1. “Demand for Electrical Power in Brazil: 2006-2015”, Sidimar Quezada Leite, December, 2006.
2. “Interest Rates, Budget Deficit and the Public Debt: A panel data analysis”, Rafael Pereira Scherre, December, 2006.
3. “Impacto das políticas públicas na redução de acidentes de transito no Brasil”, Daniela Casadei Lima Mota Ornelas, June 2007.
4. “Avaliação da produtividade no setor de Telecomunicações do Brasil no período de 1976-2002”, Helder Lira da Silva, June 2008.
5. “Projetando a Taxa de Inflação Brasileira”, Gil Honigman, June 2008.
6. “Duas Abordagens para a Previsão da Taxa de Câmbio”, Maurício Juncá Bernardo, August 2008.
7. “Combinações de Previsões do Preço do Petróleo”, Fred Lopes Wong, September 2008.
8. “Gastos de Propaganda em Televisão Aberta no Brasil”, Eduardo Gabbay Serfaty, October 2008.
9. “Estimação da Demanda por Gás Natural Veicular no Brasil”, Dirceu Amorelli, October 2008.
10. “Demanda de Combustíveis por Veículos Leves e Motocicletas no Brasil”, Jose Manoel Antelo Gomez, June 2009.
11. “Previsão dos preços de etanol nos mercados doméstico e internacional”, Marcos Vinícius Guimarães da Silva, July 2009.
12. “Previsão do Consumo de Cerveja no Estado do Rio de Janeiro”, Eduardo Senra Faria, August 2009.
13. “O efeito da dívida e do déficit público na taxa real de juros de curto prazo”, Patricia Krause de Azevedo Garcia, october 2009.
14. “O impacto do gerenciamento dinástico sobre a produtividade total dos fatores no Brasil”, Fernanda Medeiros Biolchini, october 2009.
15. “Uma análise comparativa da volatilidade dos mercados acionários do Brasil e EUA em tempos de crise”, Márcio de Almeida Fadigas, december 2009.
16. “Sustentabilidade Fiscal”, Ricardo Igor Toenjes Cunha, march 2010.

## Current Graduate Students

1. Felipe Priuli

## Undergraduate Advising (in Portuguese)

1. Ricardo Igor Toenjes Cunha, “Time series tests of growth models”, December, 2007.
2. Thiago Maia Andrade, “Human Capital and Relative Income across countries”, December, 2007.
3. Leandro Paulo de Faria Moreira, “Income Convergence and Poverty Traps among Brazilian states”, December, 2007.
5. Gabriel Alves Guedes, “Cenários Macroeconômicos para o Brasil em Tempos de Crise”, December, 2009
6. Mario Tanus, “Repasse cambial na taxa de Inflação: um estudo de painel”, December, 2009
7. Giuliana Marconi, “Metas de inflação e Taxa Real de Câmbio: Um Análise do Comportamento do Banco Central em Países Emergentes”, December, 2009
8. Ana Carolina de Moura e Silva, “Convergência de renda e de Indicadores Sociais entre os estados Brasileiros, 1985-2006”, in progress
9. Alida Walvis, in progress
10. Bruno Andreazza, in progress
11. Carlos Varjão, in progress
12. Dan Badrian, in progress

## Thesis Committees (master level, in Portuguese)

1. “Exposição em taxa de câmbio de firmas e a demanda por derivativos cambiais no Brasil: hedge ou especulação fizeram diferença?”, Roberto Wagner Mendonça, September, 2007. (Advisor: Fernando Nascimento)
2. “Uma análise comparativa de modelos de volatilidade condicional para os preços do petróleo”, João Márcio Silveira Thomaz Batalha, April, 2008. (Advisor: Fernando Nascimento)
3. “Um modelo de otimização de hedge sob estresse”, Raphael Pinho Ramos da Silva, December, 2007. (Advisor: Antonio Duarte)

4. “Uma análise da volatilidade condicional dos preços do petróleo”, João Márcio Silveira Thomaz Batalha, April, 2008. (Advisor: Fernando Nascimento)
5. “Estimando o Value-at-Risk de uma carteira de opções de IDI”, Fernando Noronha Tavares, December 2008. (Advisor: José Valentim)
6. “Tesouro Direto, Fundos de Participação, e Previdência Privada: uma comparação da rentabilidade líquida”, Renata Aragão Gomes, May, 2009. (Advisor: Antonio Duarte)
7. “Análise empírica do efeito do tamanho no desempenho das ações listadas no Brasil, Gabriel de Andrade Levy, August, 2009. (Advisor: Fernando Nascimento)
8. “Análise empírica da relação entre inflação e retornos do mercado acionário Brasileiro”, Marcos Vinícius Spiguel de Castro, August, 2009. (Advisor: Fernando Nascimento)
9. Ilana Brafman, “Projeção do consumo aparente de combustível no Brasil (Otto e Diesel): Modelo “Ad hoc” vs ARMA”, (Advisor: José Valentim)
10. Rafael Silva Matoso, “Leilões de Blocos Exploratórios de Petróleo e Gás no Brasil: Estudo do Papel da Petrobras”, December 2009, (Advisor: Marcelo Rezende)
11. Carolina Lins Mello Pereira, in progress, expected thesis defense: June 2010, (Advisor: José Valentim)

## Teaching

**Ibmec/RJ:** Monetary Economics (undergraduate), Forecasting Methods (master), Time Series Analysis (master), Econometrics II (undergraduate), Economic Growth (undergraduate), Principles of Macro (undergraduate).

**Virginia Tech:** Money and the Price Level I (Ph.D. section), Money and the Price Level II (Ph.D. section), Intermediate Macroeconomics, International Trade.

**University of Illinois at Urbana-Champaign:** Intermediate Microeconomics, International Trade and Finance, Statistics I and II, Principles of Macro.

**PUC-Rio:** Applied Mathematics (undergraduate), Growth and Development (undergraduate).

## Academic Events

- Selection Committee of the X Meeting of the Brazilian Finance Society, Porto Alegre, 2009.
- Selection Committee of the IX Meeting of the Brazilian Finance Society, São Paulo, 2008.
- Selection Committee of the XXVIII Meeting of the Brazilian Econometric Society, Bahia, 2006.

## University Service

- Coordinator of Undergraduate Dissertation, Ibmecc-RJ, 2007.2-present
- Seminar Coordinator, Department of Economics, Ibmecc-RJ, 2007.2-present
- Coaching for CEMEC, Ibmecc-RJ, 2009.2.
- Executive Committee, Department of Economics, Virginia Tech, US, 2002-2005.
- Coach and Advisor, Economics Club, Virginia Tech, US, 2002-2005.

## Referee

The Quarterly Review of Economics and Finance, World Development, The B.E. Journals in Macroeconomics, Pesquisa e Planejamento Econômico, Revista Brasileira de Finanças, Revista de Economia Aplicada, Revista de Economia (Curitiba).

## Honors and Awards

- Excellence in Research Award, Faculdades Ibmecc/RJ, 2009.
- Excellence in Advising Award, Faculdades Ibmecc/RJ, 2009.
- Excellence in Research Award, Faculdades Ibmecc/RJ, 2008.
- Excellence in Advising Award, Faculdades Ibmecc/RJ, 2008.
- Excellence in Research Award, Faculdades Ibmecc/RJ, 2007.
- “Undergraduate Teacher of the Year”, 2004-2005, Virginia Tech.
- “Ranked as excellent in the Incomplete List of TAs”, 2000, UIUC.
- Scholarship, 1995-1999, CNPQ, Brazil.
- Scholarship, 1992-1994, CNPQ, Brazil.

## Idioms

English (Fluent), Portuguese (Native Speaker)

## Short Courses

- Time Series Econometrics I, 16hs, Petrobras, May, 2007.
- Time Series Econometrics II, 16hs, Petrobras, August, 2007.
- Linear Panel Data Models, 4hs, XXX Meeting of the Brazilian Econometrics Society, Salvador, Brazil, December 2008.

## Lectures

- Brazil: Muddling Through in a Time of Crisis, Ibmec/RJ, March and May 2009
- The Origins of the Sub-prime Crisis and the Implications for the Brazilian Economy, Ibmec/RJ November 2008
- Brazil: The Order of Progress, Ibmec/RJ, May 2008

## Book reviews

- Cambridge University Press, Addison-Wesley, Elsevier/ Campus, South-Western, LTC-Editora, etc.

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