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Citizen: Brazil (US: Permanent Resident)
Sex: Male

EDUCATION

Ph.D. Economics, University of Illinois at Urbana-Champaign, May 2001.

M.S. Economics, University of Illinois at Urbana-Champaign, 1995.

B.A. Economics, Universidade Federal de Minas Gerais, Brazil, 1993.

EMPLOYMENT

Ohio University, Department of Economics

Associate Professor. September 2009 to present.

Assistant Professor. September 2003 to August 2009.

Columbia University, International Research Institute for Climate and Society, Post-doctoral research fellow. August, 2001 to May, 2003.

Ecodinâmica Consultores Associados. Consultant, Projects of Environmental Impact Assessment (EIA). 1993-1994, Summer 1998.

Number One Tecnologia Educacional, English as a foreign language teacher. 1990-1994.

RESEARCH

Publications in Journals

Chimeli, A.B. and Boyd, R. "Prohibition and the supply of Brazilian mahogany". *Land Economics*, Vol. 86, Issue 1 (forthcoming).

Sharabaroff, A., Boyd, R. and Chimeli, A.B. (2009) "The environmental and efficiency effects of restructuring on the electricity power sector in the United States: An empirical analysis". *Energy Policy*, Vol. 37, Issue 11.

Chimeli, A.B. and Braden, J.B. (2009) "A capital scarcity theory of the environmental Kuznets curve". *Environment and Development Economics*, Vol. 14, Issue 5.

Chimeli, A.B., Souza-Filho, F.A., Holanda, M.C. and Petterini, F.C. (2008) "Forecasting the impacts of climate variability: Lessons from the rainfed corn market in Ceará, Brazil" *Environment and Development Economics*, Vol. 13, Issue 2.

Chimeli, A.B. (2007) "Growth and the environment: Are we looking at the right data?" *Economics Letters*, 96(1).

Chimeli, A.B. and Braden, J.B. (2005) "Total Factor Productivity and the Environmental Kuznets Curve". *Journal of Environmental Economics and Management*, 49(2).

Chimeli, A.B. (2003) "Optimal Dynamics of Environmental Quality in Economies in Transition". *The Economics of Transition*, 11(1).

Chimeli, A.B., Mutter, C.Z. and Ropelewski, C. (2002) "Climate Fluctuations, Demography and Development: Insights and Opportunities for Northeast Brazil". *Journal of International Affairs*, 56(1).

Phillips, J.B., Deane, D., Unganai, L., and Chimeli, A. (2002) "Changes in Small-holder Grain Production in Zimbabwe using Seasonal Climate Forecasts". *Agricultural Systems*, 74(3).

Monographs

Tamura, K. and A. Chimeli (2008). The Demand for Solid Waste Collection in Accra: A Willingness-to-Pay Study. VDM Verlag, ISBN-10: 3836487519.

Chimeli (1994) "Economics and the Environment: An Investigation on Water Pollution in the Piracicaba River Basin". In: *Minas Gerais Prize of Economics, 6, 1994*. BDMG, CORECOM-MG, SEMG. (*First prize in undergraduate monograph competition in the state of MG, Brazil. In Portuguese*).

Book Chapters

Pfaff, Alexander, and Chimeli, Ariaster (forthcoming). Economic Mechanisms for Water Management. International Experiences and Opportunities: The Case of Ceará, Brazil. In Taddei, Renzo, Upmanu Lall and Francisco de Assis de Souza Filho (eds.), *Climate, Water e Society*. Palisades, NY, and Fortaleza, Brazil: IRI/FUNCEME. (*In Portuguese*).

Chimeli, Ariaster and Souza-Filho, Francisco de Assis (forthcoming). Climate and Rainfed Agriculture in Ceará An Econometric Analysis of the Effect of Climate on Production and Price of Corn and Beans. In Taddei, Renzo, Upmanu Lall and Francisco de Assis de Souza Filho (eds.), *Climate, Water and Society*. Palisades, NY, and Fortaleza, Brazil: IRI/FUNCEME. (*In Portuguese*).

Paula, Barbieri, Chimeli, Guerra,C., Landau, Vieira, Barbosa, Torres, Costa, Guerra,L., Monte-Mór, Simões and Braga (1997). "An interdisciplinary Methodological Proposal". In: *Paula (coord.) Biodiversity, Population and Economics. A Rain Forest Region*. UFMG/CEDEPLAR, ECVMS, PADCT-CIAMB. (*In Portuguese*).

Technical Reports and Working Papers

Chimeli,A.B and Souza-Filho,F.A. (2004) "Climate and rain-fed agriculture in Ceará: Econometric analysis of the effect of climate on the production and price of corn and beans", In: *Integrated management of water resources and climate forecasting: from information and climatic prediction to the reduction of vulnerability to droughts in Ceará's semi-arid region. Report IV: Application of Socio-Economic Models.*, International Research Institute for Climate Prediction. (*In Portuguese*).

Pfaff, A. and Chimeli,A.B (2004) "Elaboration and Analysis of Water Management Policies", In: *Integrated management of water resources and climate forecasting: from information and climatic prediction to the reduction of vulnerability to droughts in Ceará's semi-arid region. Report VI: Elaboration and analysis of public policies*. International Research Institute for Climate Prediction.

Chimeli, A.B. and Braden, J.B. (2001) "Economic Growth and the Dynamics of Environmental Quality". In: *XXIII Encontro Brasileiro de Econometria*, pp. 379-98. (*Peer reviewed*).

Chimeli, A.B. (1999) "Construction of an Index of Impact of Industry on Water Pollution for the Piracicaba River Basin, MG, Brazil". *Bureau of Economic and Business Research*. Working Paper 99-0129 # 21. (*Best graduate paper, UIUC, department of economics*).

Chimeli, A.B., J.B. Braden and K.J. Han (1999) "An Economic Measure of National Environmental Stringency". *Program in Environmental and Resource Economics (pERE)*, UIUC, Working Paper # 21.

Work in Progress

Chimeli, A.B., Boyd, R.G. and Adams, D. "International timber markets and tropical deforestation: The evidence from prices". (Submitted).

Brazilian ethanol, food prices and deforestation. (With Maíra Savernini).

Do exports of high valued hardwood timber lead to large scale deforestation in the Brazilian Amazon? (With Roy Boyd).

TEACHING

Courses Taught

Ohio University, Department of Economics (2003 to present)

Economics of the Environment (graduate and undergraduate)

Economics of Energy

Intermediate Microeconomics

Principles of Microeconomics

Columbia University, School of International and Public Affairs (Spring, 2002)

Management and Development of Water Systems (co-taught with Upmanu Lall)

University of Illinois at Urbana-Champaign, Department of Economics (1998 to 2001)

Economic Statistics

TA for: Econometrics, Principles of Macroeconomics, Introduction to Natural Resources Economics, Economics of the Environment

Thesis Supervision

Ana Carolina Rabelo. "Clean Development Mechanism and its potential as a development tool: A socio-economic study of communities hosting projects in Brazil". June, 2004.

Roberta Haikal de Souza. "Distributional impact of an ethanol-based clean development mechanism project in Brazil". March, 2005

Thiers Hofman do Bom Conselho. "The use of the educational voucher program in Brazil: A socio-economic study of an alternative educational funding system in Brazil". June, 2005.

José Eduardo Trejo. "Valuing marine protected areas (MPAs) in Belize: A case study using contingent valuation methodology (CVM) to determine tourists' willingness to pay". June, 2005.

Kosuke Tamura. "The demand for solid waste collection in Accra: A willingness to pay study". June, 2005

Benjamin Ofori. The urban street commons problem: spatial regulation of informal economic units in Accra, Ghana. May, 2007.

Maíra Q. Savernini. An econometric investigation of the Brazilian ethanol exports: The role of Brazilian sugar export prices and world oil prices. June, 2008.

Alexander Sharabaroff. An assessment of the impact of the deregulation of the electric power sector in the U.S. on efficiency of electricity generation and the level of emissions attributed to electricity generation. May, 2008.

Pedro Kaiser. The Brazilian shoe industry and the Chinese competition in international markets. June, 2008.

Thesis Committee Member

Chela Moore. June, 2004

Hector Vladimir Blanco Ponce. June, 2005

Thiers Hofman do Bom Conselho. June, 2005.

Misak G. Avetisyan (environmental studies). August, 2006

Misak G. Avetisyan (economics). August, 2006

James Huth (economics). June, 2009

Chansouk Insouvanh. July, 2007

Debbie Hoffman. March, 2006.

Suyen Baharona

Kwarteng Amaning. May, 2006

Camila Villaca (Latin Am. studies). February, 2009

Maria Martha Scaglioni (Latin Am. Studies). June, 2009

Independent Study Supervision

Jordan Templeton. Development and the Environment in Thailand (undergraduate), Spring, 2009.

Sonia Marcus. Environmental Economics II (graduate), Winter, 2006.

Anna Stavroff. The economics of Water Resources (undergraduate), Winter, 2004.

SERVICE

Undergraduate Committee Chair, Ohio University, Department of Economics

Quarters to Semesters College Coordinators Committee, Ohio University.

Member of the Ohio University Environmental Studies Board (2003–2007).

Graduate student selection committee: Environmental Studies, International Development Studies, Ohio University.

Consortium for Energy, Economics and the Environment, Ohio University.

Recruiting committee, Department of Economics, Ohio University (2006, 2008).

GRANTS

Program in Climate Change (INCT/Clima). Project coordinator: Carlos Nobre (National Institute for Space Research/Brazil), 2008.

Ohio SBDC/ITAC and MTSBDC Economic Impact Analysis. Voinovich School of Leadership and Public Affairs, Ohio University, 2008.

Tinker Foundation Summer Field Research Grant. Competitive research grant awarded by Tinker Foundation and Center for Latin American and Caribbean Studies, 1997.

FELLOWSHIPS

Faculty fellow at the Voinovich Center for Leadership and Public Affairs, Ohio University, 2003, 2004, 2005.

Environmental and Resource Economics Scholar. Competitive scholarship award, Program in Environmental and Resource Economics (pERE) - UIUC, 1996, 1997, 1999, 2000.

Brazilian National Council of Research (CNPq) Fellowship, 1995-1999.

HONORS/AWARDS

Finalist at Illinois Economics Association graduate paper competition, 2000.

Phi Kappa Phi - National honor society recognizing and promoting academic excellence within all fields of higher education.

List of Teachers Ranked as Excellent by Their Students, Fall 2000 (outstanding), Spring 2000. University of Illinois at Urbana-Champaign.

Western Coal Transportation Award - Top UIUC graduate student working in transportation and/or natural resource economics, 1998.

Hans Brems Award - Best original paper by a graduate student in the department of economics, University of Illinois at Urbana-Champaign. Paper: *Construction of an Index of Impact of Industry on Water Pollution for the Piracicaba River Basin, MG, Brazil*, 1998.

Omicron Delta Epsilon. International Honor Society in Economics, 1995.

II MONOGRAFIAT. Competitive award promoted by FIAT do Brasil to best 10 monographs in Brazil. Theme: *Industry and Ecology: The Possible Reconciliation*, 1994.

Minas Gerais Prize of Economics - 1993. First prize. Competitive award Promoted by Bank of Development of Minas Gerais, Minas Gerais Regional Council of Economics and Minas Gerais Economist's Society to best undergraduate monograph in economics in the State of Minas Gerais, Brazil, 1993.

German Language Course in Schwäbisch Hall, Germany. First place in competitive award promoted by Goethe Institute, Belo Horizonte, Brazil, 1992.

SELECTED PRESENTATIONS

"Prohibition and the Supply of Brazilian Mahogany." Universidade de São Paulo, August 2009; Universidade Federal de Juiz de Fora, August 2009; Midwest Association of Economics, March, 2009; Ohio State University, January 2009; Latin American Meeting of the Econometric Society, Rio de Janeiro, November 2008; University of Illinois at Urbana-Champaign, September 2008.

"Brazilian Ethanol, Food Prices and Deforestation." Ohio State University, November, 2008.

"International Timber Markets and Tropical Deforestation: The Evidence from Prices." University of New Mexico. September, 2007.

"Environmental Economics: Theory and Policy." Invited lecture – Department of Law at the Federal University of Rio Grande do Norte, Brazil. August 23, 2006.

"Growth and the Environment." Invited lecture – Department of Economics at the Federal University of Rio Grande do Norte, Brazil. August 25, 2006.

Tenth Annual Meeting of the Latin American and Caribbean Economics Association, Paris, October 27-29, 2005. Paper: *"Economic Growth and the Dynamics of Environmental Quality"*.

75th Annual Meeting of the Southern Economic Association, Washington, DC, November 18-20, 2005. Paper: *"Economic Growth and the Dynamics of Environmental Quality"*.

VII Annual Meetings of the Hewlett/UIUC Project on Brazil. "Brazil in a Neo-Liberal World: Social and Economic Aspect". University of São Paulo, July 29-30, 2004. Paper: *"Climate Forecasting and Emergency Policies: Evidence of Opportunities from Ceará, Brazil"*.

"Sustainable Resource Use and Economic Dynamics". Ascona, Switzerland, June 6-10, 2004. Paper: *"Economic Growth and the Dynamics of Environmental Quality"*.

The Environment and Sustainable Development in the New Central Europe: Austria and Its Neighbors. University of Minnesota, Center for Austrian Studies. September 19-21, 2002. Paper: *"Optimal Dynamics of Environmental Quality in Economies in Transition"*.

Latin American Meeting of the Econometric Society. Fundação Getúlio Vargas, São Paulo, Brazil. July 24-27, 2002. Paper: *"Environmental Quality, Environmental Protection and Technology Adoption"*.

Second World Congress of Resources and Environmental Economists. Monterey, California - June 24-27, 2002. Papers: *"Economic Growth and the Dynamics of Environmental Quality"* and *"Environmental Quality, Environmental Protection and Technology Adoption"*.

XXIII Encontro Brasileiro de Econometria. Salvador, Brazil - December 12-14, 2001. Paper: *"Economic Growth and the Dynamics of Environmental Quality"*.

CU Environmental and Resource Economics Workshop 2000. University of Colorado at Boulder - July 17-18, 2000. Papers: *"Economic Growth and the Dynamics of Environmental Quality"* and *"Optimal Dynamics of Environmental Quality in Economies in Transition"*.

Heartland Environmental and Resource Economics Workshop. Iowa State University, Ames, 1999 and 2000. Papers: *"Environmental Regulatory Stringency, Technological Progress and Economic Growth" (1999)*, and *"Economic Growth and the Dynamics of Environmental Quality" (2000)*.

World Congress of Environmental and Resource Economics - Association of Environmental and Resource Economists / European Association of Environmental and Resource Economists / Fondazione Eni Enrico Mattei. Venice, Italy - June 25-27, 1998. Paper: "*An Economic Measure of National Environmental Stringency*".

LANGUAGES

English - Fluent

Portuguese - Native speaker

Spanish - Reading skills

REFeree/REVIEWER

Journals

American Journal of Agricultural Economics

Boreal Environment Research

Canadian Journal of Economics

Ecological Economics

Economic Inquiry

Economics Bulletin

Environment and Development Economics

Environmental and Resource Economics

Journal of Economic Dynamics and Control

Journal of Environmental Economics and Management

Southern Economic Journal

The Journal of Economic Education

Nova Economia

Grants and Manuscripts

National Oceanic and Atmospheric Administration (NOAA)

Ohio University Press

Thompson Business and Economics Publishing

PROFESSIONAL ASSOCIATION AFFILIATIONS

American Economic Association

Association of Environmental and Resource Economists

Econometric Society