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Citizen: Brazil (H-1 Visa)
Birthdate: September 20, 1971
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.

DISSERTATION

“Environmental Quality and Economic Development”.

Committee:

Prof. Lee Alston (chair)
Prof. John B. Braden (advisor)
Prof. Daniel Bernhardt
Prof. Jan Brueckner
Prof. Richard Brazee

RESEARCH FIELDS OF INTEREST

Applied Econometrics
Microeconomics/Mathematical Economics
Environmental and Resource Economics
Public Economics.

PROFESSIONAL EXPERIENCE

- Post-doctoral research fellow at the International Institute for Climate Prediction, Columbia University, and University Corporation for Atmospheric Research. August, 2001 to present.
- Co-teaching of “Management and Development of Water Systems”. Columbia University, Spring, 2002.
- Teaching Assistant for: Econometrics (Spring, 2001), “Economic Statistics I” (full teaching responsibility, Fall 2000), Principles of Macroeconomics (Fall 1999, supervised by Prof. F. Shupp, and Spring 2000, supervised by Prof. R. Husby), Introduction to Natural Resources Economics (Spring, 1999, supervised by Prof. R. Brazee), Economics of the Environment (Fall, 1998, supervised by Prof. J. Wagner).
- Research Assistant: “Illinois River Floodplain Management” (1997-98, UIUC, Prof. John Braden), “Land Conflicts in Brazil and the U.S.” (1997, UIUC, Prof. Lee Alston), Bureau of Economic and Business Research (UIUC, 1995), “Biodiversity, Population and Economics” (1993-94, UFMG, Brazil, Prof. João Paula).
- Consultant at ECODINÂMICA CONSULTORES ASSOCIADOS. Environmental and Socio-Economic Studies in the municipalities of Nova Era and Antônio Dias, Brazil, Summer 1998.
- Consultant at ECODINÂMICA CONSULTORES ASSOCIADOS. Projects of Environmental Impact Assessment (EIA), 1993-1994.
- English as a Foreign Language teacher at NUMBER ONE TECNOLOGIA EDUCACIONAL, 1990-1994.
- Supervised training at Bank of Development of Minas Gerais (BDMG). Activities: Studies of Brazilian and State economies, project evaluation of sanitation systems, daily newsletter, and economic data manipulation.

- Supervised training at ECODINÂMICA CONSULTORES ASSOCIADOS. Project: Environmental Impact Assessment (EIA) of “AMORIM II” (hydroelectric power station in the Piracicaba River Basin, Minas Gerais, Brazil).

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

PUBLICATIONS AND PAPERS IN REVIEW

- Chimeli, A.B. “Optimal Dynamics of Environmental Quality in Economies in Transition”. *The Economics of Transition* (forthcoming).
- 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*, Vol. 56, No. 1, Fall.
- 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*, Vol. 74, Issue 3, December.
- 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.
- Chimeli, A.B. and Braden, J.B. (2002) “Environmental Quality, Environmental Protection and Technology Adoption”. Invited for revision and resubmission at the *Journal of Environmental Economics and Management*.
- Chimeli, A.B. and Braden, J.B. (2002) “The Environmental Kuznets Curve and Optimal Growth”. *Submitted*.

- Paula, Barbieri, Chimeli, Guerra,C., Landau, Vieira, Barbosa, Torres, Costa, Guerra,L., Monte-Mór, Simões and Braga (1997). “Uma Proposta Metodológica Interdisciplinar”. In: Paula (coord.) *Biodiversidade, População e Economia. Uma Região de Mata Atlântica*. UFMG/CEDEPLAR, ECVMS, PADCT-CIAMB. (“An interdisciplinary Methodological Proposal”. In: Paula (coord.) *Biodiversity, Population and Economics. A Rain Forest Region*. UFMG/CEDEPLAR, ECVMS, PADCT-CIAMB.)
- Chimeli (1994) “Economia e Meio Ambiente: Uma Investigação Sobre a Poluição Hídrica na Bacia do Rio Piracicaba. In *Prêmio Minas de Economia, 6, 1994. Categoria Universitário*. BDMG, CORECOM-MG, SEMG. (“Economics and the Environment: An Investigation on Water Pollution on the Piracicaba River Basin”. In: *Minas Gerais Prize of Economics, 6, 1994*. BDMG, CORECOM-MG, SEMG.)

WORKING PAPERS AND WORK IN PROGRESS

- Souza Filho, F.A., Chimeli, A.B. Climate Prediction and Rainfed Agriculture in Ceará, Brazil.
- 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.
- 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)*, Working Paper # 21.

SELECTED SEMINARS/CONFERENCES

- 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 Economists - 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*”.
- University of Illinois Environmental Convocation. Springfield, IL - Fall, 1996. Paper: “*Construction of an Index of Impact of Industry on Water Pollution for the Piracicaba River Basin, MG, Brazil*”.

LANGUAGES

English - Fluent
 Portuguese - Native speaker
 Spanish - Reading skills

REFEREE

Journal of Environmental Economics and Management ; Journal of Economic Dynamics and Control ; Nova Economia

PROFESSIONAL ASSOCIATION AFFILIATIONS

American Economic Association ; Association of Environmental and Resource Economists ; Econometric Society

REFERENCES

- Prof. John Braden
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- Prof. Lee Alston
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