

May 2018

## *Curriculum Vitae*

### **Carmen E. Carrión-Flores**

#### **Contact Information:**

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#### **Current Positions**

Sep 2017 – present     *Research Assistant Professor*, Department of Economics, Maxwell School of Citizenship and Public Affairs, Syracuse University.

#### **Previous Positions**

2011 – 2017     *Assistant Professor*, Department of Economics, University of Binghamton SUNY.  
2011 – 2017     *Affiliate Faculty*, Environmental Studies Program, University of Binghamton SUNY.  
2007 – 2011     *Assistant Professor*, Food and Resource Economics Department, University of Florida.  
2007 – 2011     *Affiliate Faculty*, Center for Latin American Studies, University of Florida.  
2008 – 2011     *Affiliate Faculty*, Program for Resource Efficient Communities, University of Florida.  
2008 – 2011     *Affiliate Faculty*, School of Natural Resources and Environment, University of Florida.  
2009 – 2011     *Affiliate Faculty*, Carbon Resources Science Center, University of Florida.  
2002 – 2006     *Graduate Research Assistant*, Department of Agricultural Economics, University of Arizona.  
1999 – 2001     *Graduate Research Assistant*, Department of Agricultural, Environmental, and Development Economics, The Ohio State University.  
1995 – 1997     *Research Assistant*, Department of Economics, Monterrey Institute of Technology, ITESM, Campus Monterrey. Mexico.

#### **Education**

Ph.D., Economics.     *The University of Arizona*. May 2007. Dissertation Title: “Three Essays in Applied Microeconomics”. Co-Advisors: Robert Innes and Ronald L. Oaxaca  
M.A., Economics.     *The University of Arizona*. May 2003.  
M.S., Agricultural Economics.     *The Ohio State University*. May 2001. Thesis Title: “A Spatial Economic Model of Residential Land Use Change for Medina County, Ohio”. Advisor: Elena Irwin. Committee: Larry Libby  
B.A., Economics.     *Instituto Tecnológico y de Estudios Superiores de Monterrey*, May 1997. Graduated with Honors.

## Research Interests

Environmental Economics, Regional and Urban Economics, Labor Economics, and Applied Econometrics.

## Publications

### Refereed Journal Articles

- Carrión-Flores, Carmen, Alfonso Flores-Lagunes and Ledia Gucci (2018) “An Estimator for Discrete-Choice Models with Spatial Lag Dependence Using Large Samples, with an Application to Land-Use Conversions.” *Regional Science and Urban Economics*, 69(2):77-93.
- Carrión-Flores, Carmen E. (2018) “What makes you go back home? Determinants of the duration of migration of Mexican immigrants in the US.” *IZA Journal of Development and Migration*, 8(3).
- Carrión-Flores, Carmen and Elena Irwin (2017). “The Effect of Minimum Lot Zoning on Rural Land Conversion.” *Annals of Regional Science*, 58(1), 181-208.
- Li, Huan and Carmen Carrión-Flores (2017). “An Analysis of the ENERGY STAR® Program in Alachua County, Florida.” *Ecological Economics*, 131(1):98-108.
- Bruegge, Chris, Carmen Carrión-Flores and Jaren C. Pope (2016). “Does the Housing Market Value Energy Efficient Homes? Evidence from the Energy Star Program.” *Regional Science and Urban Economics*, 57(2): 63-76.
- Carrión-Flores, Carmen, Robert Innes and Abdoul G. Sam (2013) “Do Voluntary Pollution Reduction Programs (VPRs) Spur or Deter Environmental Innovation? Evidence from 33/50.” *Journal of Environmental Economics and Management*, 66(3): 444-459.
- Carrión-Flores, Carmen and Robert Innes (2010). “Environmental innovation and environmental performance.” *Journal of Environmental Economics and Management*, 59(1): 27-42.
- Carrión-Flores, Carmen and Elena Irwin (2010). “Identifying Interaction Effects among Spatially Distributed Agents: An Application of Land Use Spillovers.” *Resource and Energy Economics*, 32(2): 135-153.
- Carrión-Flores, Carmen and Elena Irwin (2004). “Determinants of Residential Land Use Conversion and Sprawl at the Rural-Urban Fringe.” *American Journal of Agricultural Economics*, 86(4): 889-904.

### Papers under Submission

- “Does Migration affect Agricultural Labor Productivity? The Case of Mexican Rural Households” (with Melissa Ramirez).

### Editor-Reviewed Articles

- Carrión, Carmen (2005) “Implications of Climate Variability and Water Supplies for Tribal Water Settlements”. In Negotiating Tribal Water Rights. Fulfilling Promises in the Arid West, Colby, B.G., J. E. Thorson, and S. Britton, Eds. University of Arizona Press.

### Abstracts

- Carrión-Flores, Carmen and Elena Irwin (2009) “Identifying Land-Use Conversion Patterns, the Effect of Zoning on Rural Land Conversion, and Land-Use Spillovers”. US-German Conference “Tough Choices – Land under a changing climate” Federal Ministry of Education and Research, DFG and NSF. Berlin, Germany, October, 2008.

### Book Reviews

Carrión-Flores C (2006) Economics and Land Use Planning by Alan W. Evans, *Papers in Regional Science* 85(1):165-167

### Research Bulletins

Carrión, Carmen and Elena Irwin (2001) “Understanding the Spatial Pattern of Urbanization in Medina County, Ohio. A summary of recent research findings.” A shorter version appeared in the Ohio Sea Grant Twin Line Newsletter, May/June 2001 issue.

Libby, Larry and Carmen Carrión-Flores (2000) Development Impact Fees: A Primer. Department of Agricultural, Environmental and Development Economics Working Paper – AEDE – WP 0022-01. The Ohio State University. A version appeared in the Fact Sheets section of Ohioline. The Ohio University Extension. #CDFS-1558-04

### **Working Papers**

“A Distributional Analysis of the Prices and Energy Consumption of Energy Star Homes”

“Natural Disasters and Institutional Strength: A Longitudinal Analysis of the Small Island Developing States in the Caribbean Basin” (with M. Silbert and M.P. Useche)

“Spatial Multinomial Logit Model of Spatial Interactions and Land Use Conversion” (with E. Irwin and D. Wrenn)

“The Effects of Border Enforcement on Migrants, Border Crossing Choice: Diversion or Deterrence?” (with T. Sorensen)

### **Work in Progress**

“The Effect of Workplace Inspections on Worker Safety and Air Emissions” (with Ling Li)

“Market Mechanisms for Wetland Conservation: A Spatial Analysis” (with S. Brunnermeier)

“Understanding Barriers to Communication in Complex Socio-Ecological Systems” (with P. Hirsch, W. Marshall, and V. Luzardi)

“Barriers to Communication in Interdisciplinary Research” (with P. Hirsch, W. Marshall, V. Luzardi, and X. Wang)

“The Impact of Market Structure and Firm Performance on Voluntary Overcompliance” (with E. Wu and J. Konunchuck)

### **Research Funding and Effort**

“NRT: Transdisciplinary Approaches to Improved Electrical Energy Storage and Utilization” (with various researchers from Binghamton University; not funded; amount \$2,999,999.93), National Science Foundation.

“NRT-Energy Storage and Utilization for Multi-Scale Electronic Applications” (with various researchers from Binghamton University; not funded; amount \$3,000,000.16), National Science Foundation.

“NRT-Trans-disciplinary Energy Storage and Utilization for Multi-Scale Electronic Applications” (with various researchers from Binghamton University; not funded; amount \$2,999,980.76), National Science Foundation.

“Integrated Systems for Urban Energy Symbiosis Sustainability Research Network” (with various researchers from Binghamton University; not funded; amount \$1,326,834.96), National Science Foundation.

- “Neighborhood-Scale Microgrids with High Voltage DC Solar Panels” (with various researchers from Binghamton University; not funded; amount \$66,000), SUNY Research Foundation.
- “How Climate Change May Influence Water Quality and Quantity; and their management in the Northeast” (with various researchers from SUNY; not funded; amount \$33,000 for Binghamton University), SUNY Research Foundation.
- “Understanding and Overcoming Barriers to Communication” (with various researchers from SUNY; funded amount: \$35,873 for Binghamton University), SUNY Research Foundation.
- “Impacts of Environmental Technologies on Labor Demand” (funded amount: €7,500) Fonds National de la Recherche, Luxembourg. PI, Summer 2012
- “Workshops on Voluntary Pollution Control Initiatives” 2011-2012 (funded amount: \$74,728) Environmental Protection Agency. Co-PI
- “Using a Hedonic model to assess the Value of Urban Forests in Florida” 2010 (funded amount: \$4,476); US Department of Agriculture, Forest Division. PI
- “Dynamic community energy consumption baselines” 2009 (funded amount: \$15,000); Sub-contractor for DePaul University. The Green Building Initiative Inc. Co-PI
- “Energy Star price analysis” 2009 (funded amount: \$11,000); Sub-contractor for DePaul University. The Green Building Initiative Inc. Co-PI
- “Adoption of New Food Products: An Experimental Investigation of the Impact of Word of Mouth Advertising and Social Networks” 2008 (funded amount: \$34,000) IFAS Research Innovation Fund, 2007 Co-PI

### **Honors and Scholarships**

- 2005: George W. Coleman Scholarship. Department of Economics. The University of Arizona.
- 2004: George W. Coleman Scholarship. Department of Economics. The University of Arizona.
- ITESM, Campus Monterrey. Merit Scholarship. 1994 – 1997

### **Scholarly Presentations**

#### Invited Presentations

- National Socio-Environmental Synthesis Center (SESYNC) Distinguished Scholar, Immersion Program in Economics, Annapolis, MD, USA February 2018.
- Keynote Speaker at the 16th Workshop on Spatial Econometrics and Statistics, Avignon, France. May 2017
- University of Alabama (Department of Economics, Finance, and Legal Studies), November 2016.
- University of Georgia (Department of Agricultural and Applied Economics), April 2016.
- Purdue University, Keynote Speaker at the research group in Space, Health, and Population Economics (SHaPE), April 2015
- Centre d’Etudes, de Populations, de Pauvreté et de Politiques Socio-Economiques/International Network for Studies in Technology (CEPS/INSTEAD), Environment, Alternatives, Development, August 2012.
- Binghamton University, SUNY (Department of Economics), February 2011.
- University of Alabama (Department of Economics, Finance, and Legal Studies), February 2011.
- XI Encuentro Internacional Capital Humano, Crecimiento, Pobreza: Problemática Mexicana. Monterrey, Mexico, October 2009.
- Camp Resources XVI. Asheville, N.C., August 2009.
- University of Florida (Featured Speaker Series), July, 2009.
- The Ohio State University (Agricultural, Environmental and Development Economics Department), May 2009.

- US-German Conference “Tough Choices – Land under a changing climate” Federal Ministry of Education and Research, DFG and NSF. Berlin, Germany, October, 2008.
- Workshop on Spatial Aspects of Natural Resources and Environmental Economics, Department of Economics and Finance, University of Wyoming. Laramie, WY, September, 2008.
- UC, Riverside (Economics Department), April 2008.
- UC, Merced (Economics Department), April 2008.
- Universidad Iberoamericana (Departamento de Economía), August 2007.
- Cornell University (Agricultural Economics Department), February 2007.
- Purdue University (Agricultural Economics Department), February 2007.
- Virginia Tech (Agricultural Economics Department), January 2007.
- University of Florida (Food and Resource Economics Department), November 2006.
- Cal Poly (Department of Economics), November 2006.
- University of Rhode Island, October 2006.
- University of Arizona, Economics Applied Seminar, March 2005.
- University of Arizona, Economics Applied Seminar, April, 2004.
- Agricultural and Resource Economics Seminar. The University of Arizona, 2003.

#### Conference Presentations and Other

- Allied Social Science Associations (ASSA) Meeting, Philadelphia, PA, January 2018
- Midwest Economics Association Annual Meeting, Columbus, OH, March 2013
- Annual North American Meetings of the Regional Science Association International, Denver, CO, November 2010.
- Southern Economic Association Meeting, San Antonio, TX, November 2009.
- Agricultural and Applied Economics Association Annual Meeting, Milwaukee, WI, July 2009.
- III Spatial Econometrics Association World Congress, Barcelona, Spain, July 2009.
- 15<sup>th</sup> International Conference on Panel Data, Bonn, Germany, July 2009.
- The Economics of Land-Use Change: Advancing the Frontiers. U.S. Environmental Protection Agency, Lincoln Institute of Land Policy, Center for Agricultural and Natural Resource Policy, University of Maryland, Washington D.C., June 2009 (Discussant)
- Regional Science: The Next Fifty Years. A Symposium on the Occasion of the 50th Anniversary of the Journal of Regional Science. Federal Reserve Bank of New York, April, 2009 (Discussant)
- IV Congress of the Latin American and Caribbean Association of Environmental and Natural Resource Economists, Heredia, Costa Rica, March, 2009.
- The Urban Divide in Latin America, Challenges and Strategies for Social Inclusion. Center for Latin America Studies. University of Florida Gainesville, FL, January 2009.
- American Economic Association Annual Meeting, San Francisco, CA, January 2009. (1 paper in program)
- American Agricultural Economics Association Annual Meeting, Orlando, FL, July 2008.
- American Economic Association Annual Meeting, Chicago, IL, January 2007. (1 paper in program)
- Latin American and Caribbean Economic Association, Mexico City, Mexico, November, 2006.
- American Agricultural Economics Association Annual Meeting, Long Beach, CA, July 2006.
- Population Association of America Annual Meeting, Los Angeles, CA, March 2006.
- Western Economic Association International Annual Conference, San Francisco, CA, July 2005.
- American Agricultural Economics Association Annual Meeting, Providence, RI, July 2005.
- Society of Labor Economists Annual Meeting, Cambridge, MA, May 2005.
- Midwest Economics Association Meeting, Chicago, IL, March 2004.

#### **Teaching**

Syracuse: ECON 301, Intermediate Microeconomics, ECON 437, Environmental and Resource Economics

Binghamton: ECON 360, Intermediate Microeconomics, ECON 431, Advanced Environmental Economics; ENVI 481T, Environmental Policy Seminar; ECON682, Natural Resources and Environmental Economics.

Florida: AEB 6553, Elements of Econometrics; AEB 6921 Economic Theory Workshop; AEB 6483 Seminar of Natural Resources and Environmental Economics; AEB6453 Natural Resources and Environmental Economics; AEB 6933 Environmental Economics; AEB Labor Economics.

Arizona: ECON 200, Principles of Economics (Summer 2004; Summer 2005); ECON 382; Labor and Public Policy (Summer 2004).

### **Students Supervised**

#### Undergraduate Thesis Advisor:

Eric Wu "Environmental Overcompliance Drivers" Undergraduate Honor Thesis, Department of Economics, Binghamton University. May 2013.

#### Master Thesis Advisor:

Eloise Aka "Identifying the Effects of Energy Efficient Houses on Energy Consumption" M.S. Thesis Food and Resource Economics University of Florida, August 2009.

Jessica Georges "Impact of Poverty on Deforestation: A case study in the Philippines" M.S. Thesis Food and Resource Economics University of Florida, May 2009.

Melissa Ramirez "Does Migration affect Agricultural Labor Productivity? The Case of Mexican Rural Households" M.S. Thesis Food and Resource Economics University of Florida, August 2008. Best Master Thesis in Food and Resource Economics Department for 2008.

#### Committee Member:

PhD at Binghamton: Thomas LaSalvia, Grace Zhonghui Liu, Nekeisha Spencer, Andrew Vernon.

PhD at Florida: Ledia Guci, Troy Timko, Gregory Parent

M.S. Florida: Dimitrios Kapetanakis, Joy Mullady, and Molly Mondero

### **Professional Service**

Referee and Manuscript Reviews for: *American Journal of Agricultural Economics* [3], *Journal of Agricultural and Applied Economics* [1]; *Papers in Regional Science*; *Journal of Urban Economics* [1]; *Journal of Regional Science* [3]; *Journal of Environmental Economics and Management*[4]; *Agricultural Economics; Resource and Energy Economics* [1]; *European Review of Agricultural Economics* [2]; *Environmental and Resource Economics* [1]; *Land Use Policy*[1]; *Agricultural and Resource Economics Review* [1]; *Business & Society* [1].

Membership: *American Agricultural Economics Association; American Society of Hispanic Economists; American Economic Association; Urban Economics Association; Association of Environmental and Resource Economists.*

Other Service: *Reviewer of Abstracts for Southern Agricultural Economics Annual Meetings (2008; 2011); Agricultural and Applied Economics Association (AAEA) topic leader in the area of Rural and Community Development (2010-2011); European Association of Environmental and Resource Economists Programme Committee Member (2009-2012); Program Committee Member for the inaugural summer conference of the Association of Environmental and Resource Economists.*

## Community Service

- “Grad School 101: Lessons Learned about Creating a Successful Grad School Experience?” Solutions to your life Seminar. October 2007.
- “Agriculture and Environmental Services in Florida: Economic and Policy Considerations” Presentation to Energy Working Group of the Century Commission’s Cooperative Conservation Blueprint Initiative, July 2008.

## Service

- 2017-present Undergraduate Advisor, Department of Economics. Syracuse University.
- 2016-2017 Committee for the University Environment. Binghamton University.
- 2015-2017 Academic Honesty Committee, Harpur College, Binghamton University.
- 2015-2017 Steering Committee for the Smart Energy Transdisciplinary Area of Excellence. Binghamton University.
- 2015-2016 Recruiting Committee, Department of Economics. Binghamton University.
- Spring 16-17 Ph.D. Seminar. Binghamton University.
- 2011-2014 Member of the Department of Economics’ executive committee. Binghamton University.
- Fall 2012 Department of Economics Seminar organizer. Binghamton University.
- Spring 2012 Environmental Studies Program, Recruiting Search Committee.
- 2011-2012 Website Manager for the Department of Economics. Binghamton University.
- 2009-2011 Research Committee, Food and Resource Economics Department.  
Search Committee, Food and Resource Economics Department.  
Summer Speaker, Featured Speaker Series, New Student Programs and the Division of Student Affairs and Common Reading Program Discussion Leader (CLAS), University of Florida.  
US House Committee on Agriculture’s Questionnaire on Carbon Credits.
- 2008 CRIS Projects Review Committee, Food and resource Economics Department.
- 2008-2009 Graduate Program Committee, Food and Resource Economics Department.
- 2008-2009 Seminar Committee, Food and Resource Economics Department.

## References

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Columbus, OH 43210  
Tel: 614-292-6449  
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