

## Graciela Cristina Andrango

### Work:

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### Education

- Dec 2013  
(expected) **Ph.D. Agricultural Economics**, Kansas State University, Manhattan, KS.  
Dissertation: *Farmers' willingness to grow oil seed crops for biofuel production: contracting, perceptions, management and outreach.*  
(Advisors: Timothy Dalton and Jason Bergtold)
- May 2009 **M.S. Agricultural Economics**, Kansas State University, Manhattan, KS.  
Report: *A survey on impact assessment of participatory research in developing countries.* (Advisor: Michael Boland)
- Sept 2001 **B.S. Animal Sciences**, Agricultural Pan-American School, El Zamorano, Honduras.  
Thesis: *Productive and reproductive analysis of a dairy farm in the Atlantic region of Honduras using the VAMPP program.*

### Research experience

- Fall 2007-  
Present Department of Agricultural Economics, Kansas State University, KS
- Modeled the determinants of farmers' participation in extension activities and its effect on the adoption of agricultural technologies and practices using survey data from Vietnam and Thailand.
  - Analyzed household survey data from the Tanzania National Panel Survey (TZNPS)/ Living Standards Measurement Study-Integrated Surveys on Agriculture (LSMS-ISA).
  - Estimated male and female labor supply of agricultural households in Tanzania using a non-separable household model.
  - Designed an electronic survey instrument offered to Extension agents in the USA. Collected and analyzed data.
  - Modeled the factors that determine the perceptions extension agents have towards the effectiveness of educational methods used to outreach farmers using survey data.
  - Designed a stated choice experiment and a survey instrument offered to farmers in the USA to study their willingness to introduce specialized oilseeds for bioenergy into their rotation system using stated choice modeling.

### Teaching experience

- Spring 2011-  
2013 Teaching Assistant for the econometric analysis course (AGEC 760)
- Taught on-campus lectures about econometrics software.
  - Conducted online sessions that strengthened and introduced new material.
  - Provided guidance to students on the elaboration of their class project.

- Fall 2012 Teaching Assistant for the Contemporary issues in global food and agricultural systems course (AGEC 315)
- Developed visualization projects to introduce students on the use of public datasets (e.g. World Bank, Gapminder, FAO) and data analysis through graphic methods.
  - Guest Lecturer: Use of public visualization tools and datasets.
  - Guest Lecturer: “How to move agriculture in developing countries forward: Challenges and barriers to overcome in the agriculture at small-scale level, international help and the role of micro-credit”.
- 2000 - 2001 Teaching Assistant for the General and agricultural accounting course (EA 2013)
- Taught laboratory class periods that strengthened and introduced new material.
  - Provided students with guidance on the use of accounting software.

### Other experience

- 2000 - 2007 Owner/ Manager, Quail farm, Cayambe, Ecuador
- Developed and implemented a business plan for the production and commercialization of quail eggs in the north central region of Ecuador.
  - Managed the production chain from incubation to commercialization in local markets.
- 2004 - 2006 Business consultant for small scale farmers/ artisans, Oyacachi, Ecuador
- Trained farmers and artisans to develop skills in accounting, business administration, computation, and marketing.
- 2000 - 2001 Extension educator, Rehabilitation of the Atlantic region of Honduras after the hurricane Mitch project - Milk and dairy production component funded by the United States Agency for International Development (USAID).
- Trained dairy producers on farm management, pasture production, animal reproduction, and feeding using participatory methodologies (e.g. field days, hands-on activities, on-farm trials).
- 1999 - 2000 Survey enumerator
- Collected baseline data through face-to-face interviews at the household and farm level for two development projects in Honduras funded by the United Nations Development Program (UNDP) and the USAID.
- 1999 Manager, Broccoli production greenhouse, PILDEC, S.A., Ambato, Ecuador
- Production and marketing of broccoli plants

### Working Papers

- Extension and outreach efforts for promoting bio-oil production using alternative oilseeds- with J. Bergtold (*Target journal: Journal of Extension*)
- Effectiveness of educational methods used to outreach farmers using survey data: An Ordered Logit analysis- with J. Bergtold (*Target journal: JAAE*)
- Shadow wages’ estimation Using Tanzania National Data- (*Target journal: JARE*)
- Adoption of soil management practices in Vietnam and Thailand: A Multinomial Analysis – with T. Dalton (*Target journal: Journal of Agricultural Economics*)

- A survey on impact assessment of participatory research in developing countries. (*Target journal: Journal of Agricultural Economics*)

### Conference Proceedings

- *Andrango, Graciela*. Shadow Wages' Estimation Using Tanzania National Data, Western Agricultural Economics Association Annual meeting, Monterey, California. June 22-24, 2013. Paper Presentation.
- *Andrango, Graciela* and Timothy Dalton. Adoption of Soil Management Practices in Vietnam and Thailand: A Multinomial Analysis, Western Agricultural Economics Association Annual meeting, Banff, Alberta, Canada. June 29 – July 1, 2011. Paper Presentation.

### Scholarships and Awards

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|-------------|--|
| Aug 2010    | Second place, Agricultural and Applied Economics Association (AAEA) Case Study Competition, Denver, Colorado |
| 2007 – 2009 | Fulbright Scholarship  |
| 1996 – 1998 | German Foundation for International Development (DSE in German) Scholarship                                  |

### Services and Leadership Activities

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|-------------|--|
| 2012 - 2013 | Spanish instructor I and II levels for the Basic Language Training (BLT) sponsored by the International Student and Scholar Services (ISSS) at Kansas State University |
| 2009 – 2012 | Treasurer and chair of the Allocations committee of the Graduate Student Council at Kansas State University  |
| 2008        | Member of the Professional Development Committee of the Graduate Student Council at Kansas State University  |

### Languages

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|---------|----------------|
| Spanish | Native speaker |
| English | Fluent         |

### Skills

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|----------------------|--|
| Computer skills:     | <ul style="list-style-type: none"> <li>• Data analysis: Stata, LIMDEP, SAS, R, GAMS, SHAZAM</li> <li>• Microsoft office</li> </ul>   |
| Quantitative skills: | Discrete choice analysis, survey design, data collection and analysis, household data analysis, ordered models, panel data analysis, experimental design.  |
| Additional training: | <p><b><i>Quantitative methods:</i></b></p> <ul style="list-style-type: none"> <li>• AAEA Conference Workshop: “Behavioral and Experimental Economics, Food, and Health”, Annual Meetings of the American Agricultural Economics Association, Denver, CO. July 24, 2010.</li> </ul> <p><b><i>Entrepreneurship and farm management:</i></b></p> <ul style="list-style-type: none"> <li>• CORPEI Seminar: “How to do business by internet”. Quito, Ecuador. May, 2006.</li> </ul> |

- CAF- Latin American Development Bank Workshop: “Production and marketing of guinea pigs”. Quito, Ecuador. August, 2003.
- Honduras-Canada Forestry Program training: “Management of agro forestry systems in small scale farms”. La Ceiba, Honduras. May 15-19, 2000.
- Pfizer workshop: “Updating the basic knowledge on animal health”. Honduras. June 21, 2000
- Agricultural Economics Department. EAP workshop: “Effective skills development for human resources administration”. EL Zamorano, Honduras. 1999.

***Extension and Participatory Methodologies:***

- German Foundation for International Development (DSE in German) workshop: “Process of Change: A Vision to the Future”. El Zamorano, Honduras. 1998.
- German Foundation for International Development (DSE in German) workshop: “Facilitating the Process of Learning and Group Interaction”. Honduras. 1997.

***Other***

- Frontier/ KSU field trip and seminar: “Food defense and supply chain complexity, experiential learning about international trade and seaport security, and skill-development workshop devoted to globalization and critical thinking”. Los Angeles, CA. June 19-23, 2013.
- Fulbright Enrichment Seminar: “Engaging the Electorate: The Dynamics of Politics and Participation in 2008”, NY, USA. April, 2008.

**Professional Associations**

- Agricultural and Applied Economics Association (AAEA)
- Western Agricultural Economics Association (WAEA)
- International Exchange Alumni (Fulbright Alumni Network)
- Agricultural Pan-American School Alumni Association, Ecuadorian Highlands Chapter (AGEAPSE in Spanish)
- Former Students of Germany Association, Ecuador (AEXA in Spanish)

**References**

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