

Victor E. Cabrera

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SUMMARY

My ultimate career goal is help rural people to improve their life quality through applied bio-physical, socio-economic, and environmental research and extension. Coming from a farm, I have always been linked to the agricultural and rural sectors and my studies and works have always focused on enhancing these systems.

EDUCATION

University of Florida, Gainesville, FL

Ph.D. in Interdisciplinary Ecology **2004**

Concentration in Food & Resource Economics

Dissertation: "Modeling North Florida dairy farm management strategies to alleviate ecological impacts under varying climatic conditions: an interdisciplinary approach"

Adviser: Peter E. Hildebrand

University of Florida, Gainesville, FL

M.S. in Agricultural Education and Communication **1999**

Minor in Farming Systems Research & Extension

Thesis: "Farm problems, solutions, and extension programs for small farmers in Cañete, Lima, Peru"

Adviser: Matthew Baker

Association Internationale des Maisons Familiales Rurales, Madrid-Paris

Post Graduate Course in Administration of Agricultural Schools **1995**

Focus on Agricultural Experiential Learning

Adviser: Pedro Puig

La Molina Agrarian University, Lima, Peru

B.S. in Agronomy Sciences & Engineer **1993**

Concentration in Horticultural Production

Thesis: "Análisis de los factores de producción en el cultivo de Espárrago (*Asparagus officinalis*) en la Pampa de Villacurí (Ica)"

Adviser: Francisco Delgado de la Flor

WORK EXPERIENCE

University of Wisconsin-Madison, Madison, WI

Assistant Professor – Extension Specialist in Dairy Management. Department of Dairy Science, College of Agriculture and Life Sciences. Appointment: 70% Extension, 30% Research. **April 2008-**

New Mexico State University, Clovis, NM

Assistant Professor – Extension Dairy Specialist. Department of Extension Animal Sciences and Natural Resources, College of Agriculture and Home Economics. Appointment: 75% Extension, 25% Research. **2006-2008**

<i>University of Miami, Miami, FL</i>	2004-2006
Post-Doctoral Research Associate – Involved with the South East Climate Consortium (SECC, http://secc.coaps.fsu.edu/) Research on risk management decisions under uncertain conditions of climate, prices, and government farm programs.	
<i>University of Florida, Gainesville, FL</i>	1999, 2001-2004
Teaching Assistant – Professor Peter E. Hildebrand. "Economic Analysis of Small Farm Livelihood Systems" (AEB-5167)	
Teaching Assistant – Professor Peter E. Hildebrand. "Farming Systems Research & Extension" (AEE 5232)	2002-2004
Research Assistant – Professor James W. Jones. Applications of seasonal forecasts for enhancing agricultural and environmental systems	2001 – 2004
<i>Inter-American Development Bank</i>	
Consultant – developing extension programs and training for small farmers in Cañete, Lima, Peru.	1999-2001
<i>Valle Grande Rural Institute, Cañete, Lima, Peru</i>	
Professor – teaching basic and applied courses in Agricultural Technical College	1994-1997
<i>Limatambo Farm, Lurin, Peru</i>	
Manager – Leading and directing a 32 ha small farm specialized in meat, milk, and horticultural production	1993-1994

PUBLICATIONS

- Liu, J., Men, C., **Cabrera, V.E.**, Uryasev, S., Fraisse, C.W. (accepted). Optimizing crop insurance under climate variability. *Journal of Applied Meteorology and Climatology* 00-00.
- Cabrera, V.E.**, Hagevoort, R., Solis, D., Kirksey, R., Diemer, J.A. 2008. Economic Impact of Milk Production in the State of New Mexico. *Journal of Dairy Science* 91:2144-2150.
- Cabrera, V.E.**, Breuer, N.E., Hildebrand, P.E. 2008. Participatory modeling using climate forecasts. *Climatic Change* 89:395-409.
- Fraisse, C., **Cabrera, V.E.**, Breuer, N.E., Baez, J., Quispe, J. Matos, E. 2008. El Niño – Southern Oscillation Influences on Soybean Yields in Eastern Paraguay. *International Journal of Climatology* 28:1339-1407.
- Breuer, N.E., **Cabrera, V.E.**, Ingram, K.T., Broad, K., and Hildebrand, P.E. 2008. AgClimate: A case study in participatory decision support system development. *Climatic Change* 87:385-403.
- Cabrera, V.E.**, Mathis, C.P., Kirksey, R.E., Baker, T.T. 2008. Development of a seasonal prediction model for manure excretion by dairy cattle. *The Professional Animal Scientist* 24:175-183.
- Cabrera, V.E.**, Jagtap, S., and Hildebrand, P.E. 2007. Strategies to limit (minimize) nitrogen leaching on dairy farms driven by seasonal climate forecasts. *Agriculture, Ecosystems, and Environment* 122, 479-489.

Hoogenboom, G., Fraise, C.W., Jones, J.W., Ingram, K.T., O'Brien, J.J., Bellow, J.G., Zierden, D., Stooksbury, D.E., Paz, J.O., Garcia y Garcia, A., Guerra, L.C., Letson, D., Breuer, N.E., **Cabrera, V.E.**, Hatch, L.U., and Roncoli, C. 2007. Climate-based agricultural risk management tools for Florida, Georgia and Alabama, USA. In: p. 273-278. (M.V.K. Sivakumar and J. Hansen, editors). *Climate Prediction and Agriculture: Advances and Challenges*. Springer, Berlin, Germany.

Cabrera, V.E., Letson, D., and Podesta, G. 2007. The value of the climate information when Farm Programs matter. *Agricultural Systems* 93, 25-42.

Cabrera, V.E., Breuer, N.E., and Hildebrand, P.E. 2006. North Florida stakeholder perception toward the use of climate forecast technology, nutrient pollution, and environmental regulations. *Climatic Change* 78, 479-491.

Cabrera, V.E., Fraise, C., Letson, D., Podesta, G., and Novak, J. 2006. Impact of climate information in reducing farm risk by selecting crop insurance programs. *Transactions of the ASABE* 49, 1223-1233.

Fraise, C. W., Bellow, J. G., Breuer, N., **Cabrera, V. E.**, Hatch, L., Hoogenboom, G., Ingram, K., Jones, J. W., O'Brien, J.J., Paz, J., and Zierden, D. 2006. AgClimate: A Climate Forecast Information System for Agricultural Risk Management in the Southeastern USA. *Computer and Electronics in Agriculture*, 53, 13-27.

Cabrera, V.E., de Vries, A., and Hildebrand, P.E. 2006. Manure nitrogen production in North Florida dairy farms: a comparison of three models. *Journal of Dairy Science* 89, 1830-1841.

Cabrera, V.E., Hildebrand, P.E., Jones, J.W., Letson, D., and de Vries, A. 2006. An integrated North Florida dairy farm model to reduce environmental impacts under seasonal climate variability. *Agriculture, Ecosystems, and Environment* 113, 82-97.

Cabrera, V.E., Breuer, N.E., Hildebrand, P.E., and Letson, D. 2005. The dynamic north-Florida dairy farm model: a user-friendly computerized tool for increasing profits while minimizing environmental impacts. *Computers and Electronics in Agriculture* 49, 286-308.

Cabrera, V.E., Hildebrand, P.E., and Jones, J.W. 2005. Modeling the effect of household composition on the welfare of limited-resource farmers in Coastal Cañete, Peru. *Agricultural Systems* 86, 207-222.

PROFESSIONAL MEMBERSHIPS

ASABE. American Society of Agricultural and Biological Engineers.

AAEA. American Agricultural Economics Association.

ADSA. American Dairy Science Association.