

Ariana P. Torres, Ph.D.

Assistant Professor

Horticulture and Landscape Architecture & Agricultural Economics

CONTACT INFORMATION

Work Address: 625 Agriculture Mall Drive, West Lafayette, IN 47907

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EDUCATION

Ph.D. 2016, Purdue University, Agricultural Economics

M.Sc. 2010, Purdue University, Horticulture

B.Sc. 2006, Zamorano University, Agricultural Engineering

ACADEMIC APPOINTMENTS

8/2016 – present Assistant Professor, Department of Horticulture and Landscape Architecture
and Department of Agricultural Economics, Purdue University

HONORS AND AWARDS

2016 Bilsland Dissertation Fellowship – Purdue University
2016 Data Collection Grant, Latino Cultural Center at Purdue University
2015 Finalist, Graduate Student Extension Program Competition at AAEA 2015
2015 Data Collection Grant, Latino Cultural Center at Purdue University
2015-2014 International Learning Service Projects, H2O International
2015 US Borlaug Summer Institute on Global Food Security Fellowship
2015 StartOut Entrepreneurship Scholar
2015 USASBE Doctoral Consortium Scholar
2012 AAHHE USDA Graduate Fellowship
2011 Graduate Research Scholarship Agricultural Economics Department
2010 Virtual Grower Software Translation, USDA-ARS
2009 Allen Hammer Scholarship, Indiana Flower Growers Asso.
2009 Graduate Research Scholarship Horticulture Department
2006 Cum Laude Bachelor of Science Zamorano University
2003-2006 Dean's List of High Honor Students Zamorano University
2003 Undergraduate Scholarship Zamorano (tuition and living expenses)

MEMBERSHIP IN ACADEMIC, PROFESSIONAL, AND SCHOLARLY SOCIETIES

American Society for Horticultural Science

Marketing and Economics Group

Extension Group

American Agricultural Economics Association (AAEA)

Extension Section

Women in Agricultural Economics Section

United States Association for Small Business and Entrepreneurship (USASBE)

Minority and Women Entrepreneurship Special Interest Group

REFEREED JOURNAL ARTICLES

Torres, A.P., M.I. Marshall, and M. Delgado. The Economic Implications of Social Capital on Hispanic Entrepreneurship. (*work in progress*).

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- Torres, A.P.**, M.I. Marshall, C.E. Alexander, and M.S. Delgado. Accepted 2016. Are Local Market Relationships Undermining Organic Certification? A Bivariate Probit Analysis. *Agricultural Economics*.
- Currey, C.J., **A.P. Torres**, R.G. Lopez, and D.F. Jacobs. 2013. The Quality Index: A New Tool for Integrating Quantitative Measurement to Assess Quality of Young Floriculture Plants. *Acta Hort.* 1000, ISHS:385-392
- Torres, A.P.** and R.G. Lopez. 2011. Photosynthetic Daily Light Integral during Propagation of *Tecoma stans* Influences Seedling Rooting and Growth. *HortScience* 46(2):282—286.
- Torres, A.P.** and R.G. Lopez. 2011. Photoperiod and Temperature Influence Flowering Responses and Morphology of *Tecoma stans*. *HortScience* 46(3):416—419.
- Torres, A.P.**, M.V. Mickelbart, and R.G. Lopez. 2010. Leachate Effects on pH and Electrical Conductivity Measurements in Containers Obtained Using the Pour-through Method. *HortTechnology* 20(3):608—611.
- Currey C.J., D.M. Camberato, **A.P. Torres**, and R.G. Lopez. 2010. Parboiled Fresh Rice Hulls Do Not Influence Plant Growth Regulator Drenches Applied to Media. *HortTechnology* 20(5):863—866.

PUBLISHED PROCEEDINGS

- Torres, A.P.**, M.I. Marshall, C.E. Alexander, and M.S. Delgado. 2016. Is Local the New Organic? The Marketing Decision of Small Food Businesses. USASBE Meeting – United States Association of Small Business and Entrepreneurship. 9-12 January. San Diego, CA
- Torres, A.P.**, M.I. Marshall and Michael S. Delgado. 2015. Hispanic Entrepreneurship and Ethnic Clustering. ASBE – Association for Small Business and Entrepreneurship, 23-26 September. Orlando, FL
- Torres, A.P.** and R.G. Lopez. 2010. Propagation Photosynthetic Daily Light Integral Influences Morphological Plasticity, Rooting, Growth, and Quality of *Tecoma stans* seedlings. ISHS Meeting, 22-27 Aug. Lisbon, Portugal. XXVIIth International Horticultural Congress.
- Torres, A.P.** and R.G. Lopez. 2010. Plant Growth Retardant Drench Efficacy is not Affected by Substrate Containing Parboiled Rice Hulls. ASHS Meeting – American Horticultural Annual Congress. August. California.
- Currey, C.J., **A.P. Torres**, D. F. Jacobs and R.G. Lopez. 2011. The quality index- A new tool for integrating quantitative measurements to assess quality of young floriculture plants. ISHS New Floriculture Crops Symposium, 22-25 Nov. Buenos Aires, Argentina.
- Torres, A.P.** and R.G. Lopez. 2011. Photosynthetic daily light integral, photoperiod, and temperature influence growth, development, and quality of *Tecoma stans*. ISHS New Floriculture Crops Symposium, 22-25 Nov. Buenos Aires, Argentina.

PEER REVIEWED EXTENSION PUBLICATIONS

- Torres, A.P.** and R.G. Lopez. 2009. Propagación de Poinsettia (Flores de Pascua). Purdue Cooperative Extension Publication <http://www.ces.purdue.edu/extmedia/HO/HO-235-SW.pdf>
- Torres, A.P.** and R.G. Lopez. 2009. Measuring Daily Light Integral in a Greenhouse, Purdue Extension <http://www.extension.purdue.edu/extmedia/HO/HO-238-W.pdf>
- Torres, A.P.** and R.G. Lopez. 2009. Medición de pH y conductividad eléctrica en sustratos, Purdue Extension <http://www.extension.purdue.edu/extmedia/HO/HO-237-SW.pdf>
- Torres, A.P.** and R.G. Lopez. 2010. Medición de luz diaria integrada en invernaderos. Cooperative Extension Publication <http://www.extension.purdue.edu/extmedia/HO/HO-238-SW.pdf>

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- Torres, A.P.**, R.G. Lopez, and M.V. Mickelbart. 2010. Manejo de alcalinidad en sustratos hidropónicos. Cooperative Extension Publication <http://www.extension.purdue.edu/extmedia/HO/HO-242-SW.pdf>
- Torres, A.P.**, Currey, C.J., D.M. Camberato, and R.G. Lopez. 2010. Cascarilla de arroz y reguladores de crecimiento. GrowerTalks Magazine. <http://www.ballpublishing.com/GrowerTalks/ViewArticle.aspx?articleid=17649>
- Currey, C.J., D.M. Camberato, **A.P. Torres**, and R.G. Lopez. 2010. Rice Hulls and PGRs. Grower Talks 75:58–60.
- Currey, C.J., D.M. Camberato, **A.P. Torres**, and R.G. Lopez. 2010. Rice Hulls Do Not Affect PGR. FloriBytes 5:1–4.
- Currey, C.J., D.M. Camberato, **A.P. Torres**, and R.G. Lopez. 2010. Bark, but Not Rice Hulls, Affect PGR Drenches. The Indiana Flower Grower 4:1–3.
- Torres, A.P.**, C.J. Currey, and R.G. Lopez. 2010. Measuring Daily Light Integral (DLI) Pamphlet. Cooperative Extension Publication <http://www.extension.purdue.edu/extmedia/HO/HO-238-B-W.pdf>
- Torres, A.P.**, M.V. Mickelbart, and R.G. Lopez. 2010. Measuring pH and EC of Large Containers. Greenhouse Products News Magazine 20:52–55.
- Torres, A.P.**, C.J. Currey, and R.G. Lopez. 2010. Getting the Most out of Light Measurements. Greenhouse Grower 28:46, 50, 52.
- Torres, A.P.**, Mattson, and R.G. Lopez. 2010. Cuáles son sus costos de fertilización? GrowerTalks Magazine. <http://www.ballpublishing.com/GrowerTalks/ViewArticle.aspx?articleID=17813>
- Torres, A.P.**, S.E. Burnett, B.A. Krug, N.S. Mattson, R.G. Lopez, and C.J. Currey. 2010. Diez Maneras de Proveer Calefacción en sus Invernaderos. GrowerTalks Magazine.

RESEARCH ABSTRACTS

- Torres, A.P.**, M.I. Marshall and Michael S. Delgado. 2016. The Economic Implications of Social Capital on Hispanic Entrepreneurship. AAEA Meeting –Agricultural and Applied Economics Association, 31 July – 2 August. Boston, MA.
- Torres, A.P.**, M.I. Marshall, C.E. Alexander, and M.S Delgado. 2016. Is Local the New Organic? The Marketing Decision of Small Food Businesses. USASBE Meeting – United States Association of Small Business and Entrepreneurship. 9-12 January. San Diego, CA
- Torres, A.P.**, M.I. Marshall and Michael S. Delgado. 2015. Hispanic Entrepreneurship and Ethnic Clustering. ASBE – Association for Small Business and Entrepreneurship, 23-26 September. Orlando, FL
- Torres, A.P.**, M.I. Marshall and M. S. Delgado. 2015. Does Social Capital Explain Small Business Resilience? A Panel Data Analysis Post-Katrina. AAEA Meeting – Agricultural and Applied Economics Association, 26-28 July. San Francisco, CA
- Torres, A.P.**, M.I. Marshall, and C.E. Alexander. 2013. Does Proximity Determine Organic Certification?. AAEA Meeting – Agricultural and Applied Economics Association, 4-6 August. Washington D.C..
- Torres, A.P.** and R.G. Lopez. 2010. Propagation Photosynthetic Daily Light Integral Influences Morphological Plasticity, Rooting, Growth, and Quality of *Tecoma stans* seedlings. ISHS Meeting, 22-27 Aug. Lisbon, Portugal. XXVIIth International Horticultural Congress.
- Torres, A.P.** and R.G. Lopez. 2010. Plant Growth Retardant Drench Efficacy is not Affected by Substrate Containing Parboiled Rice Hulls. ASHS Meeting – American Horticultural Annual Congress. August. California.

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- Torres, A.P.** and R.G. Lopez. 2010. Photosynthetic daily light integral during propagation affects growth and quality of *Tecoma stans* seedlings. Latino Scholars Forum – Latino Faculty and Staff Association at Purdue University. September. West Lafayette, Indiana.
- Currey, C.J., **A.P. Torres**, D. F. Jacobs and R.G. Lopez. 2011. The quality index- A new tool for integrating quantitative measurements to assess quality of young floriculture plants. ISHS New Floriculture Crops Symposium, 22-25 Nov. Buenos Aires, Argentina.
- Torres, A.P.** and R.G. Lopez. 2011. Photosynthetic daily light integral, photoperiod, and temperature influence growth, development, and quality of *Tecoma stans*. ISHS New Floriculture Crops Symposium, 22-25 Nov. Buenos Aires, Argentina.

SCIENTIFIC, EXTENSION AND OUTREACH ORAL PRESENTATIONS

- Torres, A.P.** 2016. El Emprendedorismo Latino en US. Abriendo Puertas Meeting – Leadership Training Program for Latino Parents. 23 March. Lafayette, IN
- Torres, A.P.** 2016. La Agricultura del Siglo XXI. FENAPROFE Meeting – Federacion Nacional de Productores de Platano en El Carmen. 29 January. El Carmen, Ecuador
- Torres, A.P.**, M.I. Marshall, C.E. Alexander, and M.S Delgado. 2016. Is Local the New Organic? The Marketing Decision of Small Food Businesses. USASBE Meeting – United States Association of Small Business and Entrepreneurship. 9-12 January. San Diego, CA
- Torres, A.P.**, M.I. Marshall and Michael S. Delgado. 2015. Hispanic Entrepreneurship and Ethnic Clustering. ASBE – Association for Small Business and Entrepreneurship, 23-26 September. Orlando, FL
- Torres, A.P.** 2015. PIC-UP: An Extension Solution for Development in Zimbabwe. Borlaug Summer Institute on Global Food Security. 7-20 June. West Lafayette, IN
- Torres, A.P.** and M.I. Marshall. 2015. The Hispanic Enclave. Department of Agricultural Economics, February. Purdue University, West Lafayette, IN
- Torres, A.P.** and M.I. Marshall. 2014. How Ethnic Enclaves affect employment of Latinos in the US? Encuentro Anual de Economia Aplicada, 23-24 July. Universidad Politécnica del Litoral. Guayaquil, Ecuador.
- Torres, A.P.** and M.I. Marshall. 2013. Does Proximity Determine Organic Certification? AAEA & CAES Joint Annual Meeting, 4-6 August. Washington D.C.
- Gibson, K.D., J.M. Gomez, and **A.P. Torres**. 2013. Do Certified and Uncertified Fresh-market Organic Tomato Farmers in the Midwest Manage Weeds Differently? ASHS Meeting – American Horticultural Annual Congress. 22-25 July. Palm Desert, CA.
- Torres, A.P.** and M.I. Marshall. 2013. Does Proximity Determine Organic Certification? Department of Agricultural Economics, 26 April. West Lafayette, IN.
- Torres, A.P.** 2010. Measuring pH and Electrical Conductivity in Large Containers. Indiana Green Expo – January 7. Indianapolis, IN
- Torres, A.P.** and R.G. Lopez. 2010. Plant Growth Retardant Drench Efficacy is not Affected by Substrate Containing Parboiled Rice Hulls. ASHS Meeting – American Horticultural Annual Congress. August. California.
- Torres, A.P.** 2010. Morphological Plasticity, Rooting, Growth, and Quality of *Tecoma stans* seedlings. ISHS Meeting – XXVIIth International Horticultural Congress. August. Lisbon, Portugal.
- Torres, A.P.** 2010. Measuring pH and Electrical Conductivity in Large Containers. Indiana Flower Growers Association – October 6. West Lafayette, IN.
- Torres, A.P.** 2009. *Tecoma stans* a New Tropical Floriculture Crop for Indiana. Indiana Flower Growers Association – 5 October. West Lafayette, IN

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SCIENTIFIC POSTER PRESENTATIONS

- Torres, A.P.**, M.I. Marshall and Michael S. Delgado. 2016. The Economic Implications of Social Capital on Hispanic Entrepreneurship. AAEA Meeting –Agricultural and Applied Economics Association, 31 July – 2 August. Boston, MA.
- Torres, A.P.**, M.I. Marshall and Michael S. Delgado. 2015. Does Social Capital Explain Small Business Resilience? A Panel Data Analysis Post-Katrina. AAEA Meeting – Agricultural and Applied Economics Association, 26-28 July. San Francisco, CA
- Torres, A.P.** and M.I. Marshall. 2013. Does Proximity Determine Organic Certification? Small Farm Conference, 1-2 March. Danville, IN.
- Torres, A.P.** and M.I. Marshall. 2013. Determining the Barriers to Organic Certification: An Explanatory Analysis of Information. Indiana Horticultural Congress. 22-24 January. Indianapolis, IN.
- Torres, A.P.** and M.I. Marshall. 2012. Determining the Barriers to Organic Certification: An Explanatory Analysis of Information. AAEA Meeting – Agricultural and Applied Economics Association. August. Seattle.
- Torres, A.P.** and R.G. Lopez. 2009. Photosynthetic Daily Light Integral Influences Germination, Rooting and Growth of *Tecoma stans*. Horticulture Department Scientific Retreat. June. West Lafayette, IN
- Torres, A.P.**, M.V. Mickelbart, and R.G. Lopez. 2010. Validation of the Pour-through Method for Obtaining pH and EC Values in Large Containers. ASHS Meeting – American Horticultural Congress. August. California.
- Torres, A.P.** and R.G. Lopez. 2010. Photosynthetic daily light integral during propagation affects growth and quality of *Tecoma stans* seedlings. Latino Scholars Forum – Latino Faculty and Staff Association at Purdue University. September. West Lafayette, Indiana.

PARTICIPATION IN THE UNDERGRADUATE PROGRAM

Ariana Torres taught *Principles of Marketing and Management for Horticultural Businesses* (HORT 435) in Fall 2015. HORT 435 is a three-credit senior level course. Student ratings are as follows: 5=Excellent, 4=Good, 3=Fair, 2=Poor, 1=Very Poor.

<u>Year</u>	<u>Semester</u>	<u>Course Title</u>	<u>Students</u>	<u>Course Rating</u>	<u>Instructor Rating</u>
2015	Fall	HORT 435	10	4.6	4.6