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Associate Professor

Soil Fertility and Nutrient Management, Dept. of Agronomy
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Education

- Ph.D. 2007 **Iowa State University, Ames, IA**
Soil Fertility Major, Statistics Minor
- M.S. 2004 **University of Illinois at Urbana- Champaign, IL**
Soil Fertility
- B.S. 2000 **Pan-American School of Agriculture, Zamorano, Honduras**
Agronomy

Professional Positions Held:

- 2013 - present: Associate Professor, Soil Fertility and Nutrient Management. Department of Agronomy, Kansas State University.
- 2008 - 2013: Assistant Professor, Soil Fertility and Nutrient Management. Department of Agronomy, Kansas State University.
- 2007 - 2008: Postdoctoral Research Associate. Department of Agronomy, Iowa State University.
- 2004 - 2007: Graduate Research Assistant. Department of Agronomy, Iowa State University.
- 2002 - 2004: Graduate Research Assistant. Department of Natural Resources and Environmental Science, University of Illinois at Urbana-Champaign.
- 2001 - 2002: Assistant Scientist, Illinois Natural History Survey, University of Illinois at Urbana-Champaign.

National and International Service (2008-present):

- Technical Editor for *Agronomy Journal* (2013-present).
- Associate Editor for *Agronomy Journal* (2009-2012).
- Vice- chair for the NCERA 13 regional committee. 2013-2014.
- Secretary for the NCERA 103 regional committee. 2013-2014
- Session Chair: Nutrient Management and Soil and Plant Analysis, S8. ASA-SSSA-CSSA Annual Meeting, 2009, 2010, 2011, 2012, and 2013.
- Nyle C. Brady Frontiers of Soil Science Lectureship Committee. Soil Science Society of America (SSSA). 2011 - 2012.

Honors:

- Early Career Award of Merit. Gamma Sigma Delta. 2013.
- Extension Education Award. American Society of Agronomy. 2013.
- Outstanding Associate Editor. *Agronomy Journal*. 2012.
- North Central Extension-Industry Soil Fertility Graduate Student Award, 2005
- North Central Branch ASA Outstanding Graduate Student Paper, 2004

Professional Memberships:

- American Society Agronomy (ASA), Soil Science Society of America (SSSA), and Crop Science Society of America (CSSA)
- The International Biometric Society
- Kansas Academy of Science
- Gamma Sigma Delta

Recent Peer Reviewed Publications:

- Mueller, N.D., D.A. Ruiz Diaz, J.A. Dille, D. Shoup, D.B. Mengel, and L. Murray. 2013. Winter annual weed management effects on corn nitrogen supply and yield. *Agron. J.* 105:1077-1086.
- Liesch, A.M., D.A. Ruiz Diaz, D.B. Mengel, and K.L. Roozeboom. 2012. Interpreting relationships between soil variables and soybean iron deficiency using factor analysis. *Soil Sci. Soc. Am. J.* 76:1311-1318.
- Ruiz Diaz, D.A., J.E. Sawyer, and D.W. Barker. 2012. Residual poultry manure nitrogen supply to corn the second and third year after application. *Soil Sci. Soc. Am. J.* 76:2289-2296.
- Ruiz Diaz, D.A., D.B. Mengel, R.E. Lamond, S.R. Duncan, D.A. Whitney, and T.M. Maxwell. 2012. Meta-Analysis of Winter Wheat Response to Chloride Fertilization in Kansas. *Commun. Soil Sci. Plant Anal.* 43:1-11.
- Liesch, A.M., D.A. Ruiz Diaz, K.L. Martin, B.L. Olson, D.B. Mengel, and K.L. Roozeboom. 2011. Management Strategies for Increasing Soybean Yield on Soils Susceptible to Iron Deficiency. *Agron. J.* 103:1870-1877.
- Holmes, J.D., J.E. Sawyer, P. Kassel, and D.A. Ruiz Diaz. 2011. Using Ground Eggshells as a Liming Material in Corn and Soybean Production. *Crop Management*. doi:10.1094/CM-2011-1129-01-RS.
- Ruiz Diaz, D.A., J.E. Sawyer, and A.P. Mallarino. 2011. On-farm Evaluation of Poultry Manure as a Nitrogen Source for Corn. *Soil Sci. Soc. Am. J.* 75:729-737.
- Ruiz Diaz, D.A., R.G. Darmody, J.C. Marlin, G.A. Bollero, and F.W. Simmons. 2010. Trace Metal Bioaccumulation and Plant Growth on Dredged River Sediments and Biosolids Mixtures. *Water Air Soil Pollut.* 206:321-333.
- Sawyer J.E., P. Pedersen, D.W. Barker, D.A. Ruiz Diaz, and K.A. Albrecht. 2010. Intercropping Corn and Kura Clover: Response to Nitrogen Fertilization. *Agron. J.* 102:568-574.
- Ruiz Diaz, D.A., J.E. Sawyer, D.W. Barker, and A.P. Mallarino. 2010. Runoff Nitrogen Loss with Simulated Rainfall Immediately Following Poultry Manure Application for Corn Production. *Soil Sci. Soc. Am. J.* 74:221-230.
- Ruiz Diaz, D.A., P. Pedersen, and J.E. Sawyer. 2009. Soybean Response to Inoculation and Nitrogen Application Following Long-Term Grass Pasture. *Crop Sci.* 49: 1058-1062.
- Ruiz Diaz, D.A. and J.E. Sawyer. 2008. Plant-Available Nitrogen from Poultry Manure as Affected by Time of Application. *Agron. J.* 100:1318-1326.
- Ruiz Diaz, D.A., J.E. Sawyer, and A.P. Mallarino. 2008. Poultry Manure Supply of Potentially Available Nitrogen with Soil Incubation. *Agron. J.* 100:1310-1317.
- Ruiz Diaz, D.A., J.A. Hawkins, J.E. Sawyer, and J.P. Lundvall. 2008. Evaluation of In-Season Nitrogen Management Strategies for Corn Production. *Agron. J.* 100: 1711–1719.