

2 Page CV- Silvia I. Rondon

Professor & Extension Entomologist Specialist

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A. EDUCATION AND EMPLOYMENT INFORMATION

Education

Dates	Institution	Degree Earned	Major Field
1997-2002	University of Illinois Urbana-Champaign, IL, USA	Ph.D.	Crop Sciences - IPM
1995-1999	Universidad Nacional Agraria la Molina Lima, Perú (National Agraria University)	M.S.	Entomology
1987-1993	Universidad Nacional Agraria la Molina Lima, Perú (National Agraria University)	B.S.	Biology - Zoology

Recent Employment

1 Jul 2017-present	Professor & Extension Entomologist Specialist. 75% Extension 20% Research 5% Service. Oregon State University, College of Agriculture, Hermiston Agricultural Research and Extension Center, Department of Crop and Soil Science, Hermiston, OR.
15 Dec -30 Jun 2013	Visiting scientist (Sabbatical). University of Rennes 1 and INRA, Rennes and The Rheu, respectively, Brittany, France.
1 Jul 2011-present	Associate Professor. 75% Extension 20% Research 5% Service. Oregon State University, College of Agriculture, Hermiston Agricultural Research and Extension Center, Department of Crop and Soil Science, Hermiston, OR.
1 Sep 2005-30 Jun 2011	Assistant Professor. 75% Extension 25% Research. Extension Entomologist Specialist - IPM on Irrigated Crops. Oregon State University, College of Agriculture, Hermiston Agricultural Research and Education Center, Department of Crop and Soil Science, Hermiston, OR.
22 Dec 2001–31 Jul 2005	Post-Doctoral Researcher (Adjunct Research Associate). 90% Research, 10% Extension. Main Project: Application of Beneficial Insects for Reduced Insecticide Use on Strawberry. University of Florida, Institute of Food and Agricultural Sciences, Horticultural Science Department, Gainesville, FL.

B. TEACHING, ADVISING, AND OTHER ASSIGNMENTS

Guest lecturer: Provide guest lectures as requested in biological control, IPM, insect ecology, and/or agricultural entomology. International Teaching: Courses Taught: General Entomology (AG3013), Insect Rearing Techniques (AG4007), and Agricultural Entomology (AG3241). Universidad Nacional Agraria la Molina (National Agraria University), Department of Entomology and Nematology, Lima, Perú. Apr. 1996–Jul. 1997. Seminars (national and international): I have been invited to deliver seminars in Germany, France, Spain, Albania, Peru, and Mexico and also nationally. This has been a good experience to showcase my research and extension activities.

C. SCHOLARSHIP AND CREATIVE ACTIVITY

Currently, I have authored or co-authored 61 scientific peer reviewed journal articles, 99 non-refereed articles and proceedings, 7 book chapters, 39 extension peer reviewed publications, 41 progress reports, 4 PNW contributions, 8 EDIS, and over 43 newsletter articles. Recent papers:

- Rondon, S.I.**, and M. Herve. 2017. Effect of Planting Depth and Irrigation Regimes on Potato Tuberworm (Lepidoptera: Gelechiidae) Damage Under Central Pivot Irrigation in the Lower Columbia Basin. *J. Econ. Entomol.*, tox277, <https://doi.org/10.1093/jee/tox277>
- Rondon, S.I.** 2017. 'Zebra chip' de la patata en el pacific noroeste de los Estados Unidos: una vision retrospectiva del manejo de la enfermedad. *Phytoma* 291: 49-53.
- Grul'ová, D., S. Mudrončková, V. Zheljzkov, I. Šalomon, and **S.I. Rondon**. 2017. Effect of plant essential oils against *Rhopalosiphum padi* on wheat. *Natural Product Communication*. 12(9): 1517-1520.
- Rondon, S.I.**, M.S. Roster, L.L. Hamlin, K.J. Green, A.V. Karasev, and J.M. Crosslin. 2016. Characterization of Beet curly top virus strains circulating in beet leafhoppers (Hemiptera: Cicadellidae) in northeastern Oregon. *Plant Disease* DOI: 10.1094/PDIS-10-15-1189. *Role*: designed experiment, conducted experiment, PI grant, co-wrote manuscript.
- Rondon, S.I.** and A.F. Murphy. 2016. Monitoring and controlling the beet leafhopper *Circulifer tenellus* in the Columbia Basin. *Am. J. Pot. Res.* 93(1): 80-85. DOI: 10.1007/s12230-015-9491-3. *Role*: designed experiment, conducted experiment, PI grant, wrote manuscript.
- Horton, D.R., W.R. Cooper, J.E. Munyaneza, K.D. Swisher, E.R. Echegaray, A.F. Murphy, **S.I. Rondon**, C.H. Wohleb, T.D. Waters, and A.S. Jensen. 2015. A new problem and old questions: potato psyllid in the Pacific Northwest. *Ame. Entomol.* 61(4): 234-244. *Role*: conducted experiment, PI OR grant, co-wrote manuscript.
- Zeb, Q., **S.I. Rondon**, M. Neem, S. Alam, A. Goyer, S. VanVleet, and M.K. Corp. 2015. Categorization of putative factors against *Rhopalosiphum padi* (L.) (Heteroptera: Aphididae). *J. Econ. Entomol.* 109(1): 21-38. DOI: 10.1093/jee/tov321. *Role*: conducted experiment, PI grant, co-wrote manuscript.
- Echegaray, E.R., **S.I. Rondon**, and P.B. Hamm. 2015. Assessment of potato psyllid *Bactericera cockerelli* (Hemiptera: Trioizidae) and zebra chip disease in four commercial potato varieties in the Columbia Basin. *Am. J. Pot. Res.* 92(4) 483-491. DOI: 10.1007/s12230-015-9458-4. *Role*: conducted experiment, PI grant, co-wrote manuscript.

Professional Meetings, Symposia, and Conferences. To date, I have presented over 100 national/international presentations, 80+ national regional either oral or poster, over 110 extension (all invited) presentations plus an average of 7 field days and general extension talks and/or participations per year. Over 14,000 participants have heard my presentations.

Grants. Since 2011 I have received \$36 million in federal and state grants; \$582,713 in private funds; prior last promotion I received \$3'553,295 in federal and state funds; \$328,00 private funds. Private funds include DuPont, Dow, Syngenta, Actagro, Advan, Arista, Agraquest, BASF, Brandt, Cerexagri-Nisso, Chemtica, Conagra, TKI Nova Source, Trece, Valent.

Service to profession. Member of the Entomological Society of America, Potato Association of America, International Society of Horticultural Sciences, and others. Editor of American Journal of Potato Research, Entomology Section and Revista Agricultura Técnica, Instituto de Investigaciones Forestales, Agrícolas y Pecuarias, Mexico. I have been a reviewers to all main entomological journals. Panel Reviewer to RAMP, NIFA, Methyl Bromide Alternative. Awards: Most notably, the Lukcman Integrated Pest Management Award.