**Biographical Sketch**

**Shin-Yi L. Marzano, Ph.D.**

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1. Professional Preparation

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| National Taiwan University, Taiwan | Public Health | BPH, 1996 |
| National Central University, Taiwan | Environmental Engineering | MSc, 1998 |
| University of Aberdeen, UK | Plant and Soil Science | MSc, 2000 |
| University of Illinois at Urbana-Champaign | Environmental Science | MSc, 2008 |
| University of Illinois at Urbana-Champaign | Crop Sciences | PhD, 2012 |

1. **Appointments**

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| South Dakota State University | Assistant Professor | 2016 till now |
| University of Illinois at Urbana-Champaign | Postdoctoral Associate | 2013- 2015 |
| University of Illinois at Urbana-Champaign | Visiting Research Specialist | 2010-2012 |
| University of Illinois at Urbana-Champaign | Research Assistant | 2000-2008 |
| Nanya College of Technology & Commerce | Lecturer in Environ. Microb. | 1999 |

1. **Products most closely related**

[1] Marzano, S.-Y.L., Nelson, B.D., Ajayi-Oyetunde, O., Bradley, C.A., Hughes, T.J., Hartman, G.L., Eastburn, D.M., Domier, L.L. 2016. Identification of diverse mycoviruses through meta-transcriptomics characterization of the viromes of five major fungal plant pathogens. Journal of Virology. 90 (15), pp. 6846-6863.

[2] Marzano, S.-Y.L., Domier, L.L. 2016. Novel mycoviruses discovered from metatranscriptomics survey of soybean phyllosphere phytobiomes. Virus Research. 219, pp. 11-21.

[3] Marzano, S.-Y.L., Hobbs, H.A., Nelson, B.D., Hartman, G.L., Eastburn, D.M., McCoppin, N.K., Domier, L.L. 2015. Transfection of Sclerotinia sclerotiorum with in vitro transcripts of a naturally occurring interspecific recombinant of Sclerotinia sclerotiorum hypovirus 2 significantly reduces virulence of the fungus. Journal of Virology. 89 (9), pp. 5060-5071.

[4] Marzano, S.-Y.-L., Villamil, M.B., Wander, M.M., Ugarte, C.M., Wen, L., Eastburn, D.M. 2015. Organic transition effects on soilborne diseases of soybean and populations of pseudomonadaceae. Agronomy Journal, 107 (3), pp. 1087-1097.

 [5] Marzano, S.-Y. L., Wander, M. M., Villamil, M. B., Ugarte, C. M., Zaborki, E. R., Eastburn, D. M. 2014. Organic amendment and transitional cropping system effects on crop diseases. Agronomy journal. 106 (2) pp.1-9.

**d. Synergistic Activities**

[1] Presentation given in various meetings including Iowa State University, Plant Path dept. seminar (2015); Ohio State University Plant Path dept. seminar (2015); National Sclerotinia Initiative (2015), Mycovirus symposium (2014), American phytopathology society (2015); American society for virology annual meeting (2013, 2015, 2016), ASA-CSSA-SSSA annual meeting (2012).

[2] Review activity for Frontier in Microbiology, Viruses, Virus research, PLOS ONE.

[3] PI, Graduate student grant from Sustainable Agricultural Research and Education, USDA, 2006. Cropping Intensity and Organic Amendments in Transitional Farming Systems: Effects on Microbial Diversity ($20,000).