

Dr. Stephen F. Hanson
New Mexico State University
ENTOMOLOGY PLANT PATH AND WEED SCI
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Education

PHD, University of Wisconsin - Madi, 1997.
Major: Plant Pathology / Virology

BS, University of Wisconsin - Madison 1988.
Major: Bacteriology

Employment History

Academic - Post-Secondary

Associate Professor, New Mexico State University. (July 1, 2009 - Present).

Assistant Professor, New Mexico State University. (April 1, 2003 - June 30, 2009).

Selected Journal Articles

Goldberg, N. P., Thomas, S., French, J. M., Beacham, J., Garcia, A., Lewis, B. E., Hanson, S. F. (2017). First report of *Ditylenchus dipsaci* in New Mexico. *Plant Health Progress*, 18, 91-92. www.plantmanagementnetwork.org/sub/php/volume18/number2/PHP-12-16-0069-BR.pdf

French, J. M., Goldberg, N. P., Randall, J. J., Hanson, S. F. (2016). New Mexico and the southwestern US are affected by a unique population of tomato spotted wilt virus (TSWV) strains. *Archives of Virology*, 161, 993-998.

Marchant, W. G., Bundy, C. S., Sweet, M. H., Achata, J., Hanson, S. F. (2015). Testing the Validity of the *Lygaeus kalmii* Complex (Hemiptera: Heteroptera: Lygaeidae) in North America Using DNA Sequences. *Annals of the Entomological Society of America*, 108(5), 964-970.

ACHATA BO" TTGER, J. A., Bundy, C. S., Oesterle, N., Hanson, S. F. (2013). Phylogenetic Analysis of the Alfalfa Weevil Complex (Coleoptera: Curculionidae) in North America. *Journal of Economic Entomology*, 106(1), 426-436.

Pang, M. X., Hanson, S. F., Zhang, J. (2012). Cloning of novel small RNAs in tetraploid cotton. *Plant Mol. Biol. Rep.*, 30, 710-718.

Sedano, M., Lam, N., Escobar, I., Teri, C., Hanson, S. F., Creamer, R. J. (2012). Application of vascular puncture for evaluation of curtovirus resistance in chile pepper and tomato. *Journal of Phytopathology*, 160, 120-128.

Pang, M. X., Hanson, S. F., Zhang, J. (2011). Cloning of novel small RNAs in tetraploid cotton. *Plant Molecular Biology Reporter, Online*. www.springer.com/life+sciences/plant+sciences/journal/11105

Pang, M. X., Xing, C. Z., Adams, N., Rodriguez-Uribe, L., Hughs, S. E., Hanson, S. F., Zhang, J. (2011). Comparative expression of miRNA genes and miRNA-based AFLP marker analysis in

cultivated tetraploid cottons. *Journal of Plant Physiology*, 168, 824-830.
www.sciencedirect.com/science/journal/01761617

Randall, J. J., French, J. M., Yao, S., Hanson, S. F., Goldberg, N. P. (2011). First Report of *Xylella fastidiosa* in Peach in New Mexico. *Plant Disease*, 95(7), 871.

Randall, J. J., Bosland, P., Hanson, S. F. (2011). Brote Grande, A New Phytoplasma Associated Disease of Chile Peppers in the Desert Southwest. *Plant Health Progress*, online publication. <http://dx.doi.org/10.1094/PDIS-93-9-0968C>

Randall, J. J., Goldberg, N. P., Kemp, J. D., Radionenko, M., French, J. M., Olsen, M. W., et al. (2009). Genetic analysis of novel *Xylella fastidiosa* subspecies found in the Southwestern United States. *Applied and Environmental Microbiology*, 75(17), 5631-5638.

Randall, J. J., Goldberg, N. P., Kemp, J. D., Radionenko, M., French, J. M., Olsen, M. W., et al. (2009). Genetic analysis of *Xylella fastidiosa* found in *Chitalpa tashkentensis* from the Southwestern United States. *Phytopathology*.

Service Highlights

University Service

Committee Member, Faculty Senate. (May 1, 2016 - Present).

Special Institutional Assignment, University Research Council. (May 1, 2016 - Present).

Past Chair, University Research Council. (July 1, 2014 - June 30, 2016).

Committee Member, CADRe, Council of Deans for Research. (July 1, 2013 - June 30, 2014).

Committee Chair, University Research Council. (July 1, 2013 - June 30, 2014).

Committee Member, University Budget Committee. (May 15, 2013 - June 30, 2014).

TEACHING

Teaching Experience

New Mexico State University

AGRO 698, TOPICS IN AGRONOMY, 2 courses.

EPWS 301, AG BIOTECH, 8 courses.

EPWS 380V, ECOSYSTEM EARTH: IMPACT HMN ACT, 5 courses.

EPWS 390, INTERNSHIP, 1 course.

EPWS 451, SPECIAL TOPICS, 6 courses.

EPWS 549, SPECIAL PROBLEMS, 2 courses.

EPWS 551, SPECIAL TOPICS, 7 courses.

MOLB 590, DCNS MOLECULAR BIOL, 1 course.