

**Dr. Jennifer Randall**

**RESEARCH PUBLICATIONS (selected)**

- Stamler, R., Goldberg, N.P., Sanogo, S., Dungan, B., Holguin, O., Schaub, T., and **J. Randall**, (2014), Metabolomic analysis of Induced resistance from Non-Host Phytophthora in *Capsicum annum*, Journal of MPMI, (in progress).
- Stamler, R.A., Angles, J.G., and **J. Randall**, (2014) Isolation, characterization and transient expression of *Phytophthora capsici* promoters, Fungal Genetics and Biology, Submitted.
- Stamler, R., Kilcrease, J., Heerema, R., Kallsen, C., and **J. Randall**, (2014) Rhodococcus sp. associated with Pistachio Bushy Top Syndrome UCB-1 rootstock, Plant Disease, Submitted.
- Stamler, R., Sanchez, L., Valverde, M.B., and **J. Randall**, (2014), Native Phytophthora species in rivers in the Southwest, Mycologia, (Submitted).
- Lujan, P., Sanogo, S., Puppala, N., and **J. Randall**, (2014) Factors affecting mycelium pigmentation and pathogenicity of *Sclerotinia sclerotiorum* on peanut. Canadian Journal of Plant Pathology, (Submitted).
- Randall, J.**, Heerema, R., Rascon, A., Potter, M., (2014), Molecular Mechanisms of Pecan flower induction, *Acta horticulturae* (International Society of Horticulture), In Press.
- French, J., Stamler, R., **Randall, J.**, and N. Goldberg, (2013), First Report of Anthracnose of sunflower sprouts caused by *Colletotrichum acutatum* in New Mexico, Plant Disease 97:6:838.
- French, J.M., Stamler, R.A., **Randall, J.**, and N.P. Goldberg (2011), First report of Buckeye Rot caused by *Phytophthora nicotinae* in tomato in New Mexico, Plant Disease, vol. 95, no. 8, pg. 1029.
- French, J.M., Stamler, R.A., **Randall, J.**, and N.P. Goldberg (2011), First report of *Phytophthora nicotianae* on Bulb Onions in the United States, Plant Disease, Vol. 95, no. 8, pg. 1028.
- Randall, J.**, French, J., Yao, S., Hanson, S.F., and N.P. Goldberg (2011), First report of *Xylella fastidiosa* in peach in New Mexico, Plant Disease, vol. 95, no. 7, pg. 871.
- Randall, J.**, Bosland, P., and S.F. Hanson (2011), Brote Grande, a phytoplasma disease of chile peppers in the desert Southwest, Plant Health Progress, February 2011.
- Randall, J.**, Goldberg, N.P., Kemp, J.D., Radionenko, M., French, J.M., Olsen, M.W., and S.F. Hanson (2009), Genetic Analysis of a novel *Xylella fastidiosa* Subspecies found in the Southwestern United States, Applied and Environmental Microbiology, Vol. 75 (17), pg. 5631-5638.
- Randall, J.**, Bosland, P., and S.F. Hanson (2009), Brote Grande, a new and noteworthy phytoplasma associated disease of chile peppers, Plant Disease, Vol. 93 (9), pg. 968.
- Randall, J.**, Radionenko, M., French, J.M, Goldberg, N.P. and S.F. Hanson, (2007), First report of Pierce's Disease in New Mexico, Plant Health Progress, October 3, 2007.

- Randall, J.**, Radionenko, M., French, J.M., Olsen, M.W., Goldberg, N.P., and S.F. Hanson (2007), First report of *Xylella fastidiosa* in New Mexico, Plant Disease, 91: 329.
- Randall, J.**, Sutton, D.S., Hanson, S.F., and J.D. Kemp (2005), BiP and zein binding domains within the delta-zein protein, Planta, 221: 656-666.
- Randall, J.**, Sutton, D.S., Ghoshroy, S., Bagga, S., and J.D. Kemp (2004), Co-ordinate expression of beta and delta-zeins in transgenic tobacco, Plant Science, 167:267-372.

#### **MEETING ABSTRACTS (selected)**

- Stamler, R., Kilcrease, J., and **J.Randall** (2014), Pistachio Bushy Top Syndrome; an emerging problem in Arizona and California, American Meeting of the American Phytopathology Society, Minneapolis, MN (Poster presentation).
- Kilcrease, J., Stamler, R., and **J.Randall** (2014), Pistachio Bushy Top Syndrome: The association between *Rhodococcus* sp. and clonal UCB-1 in Arizona and California, Microscopy Meeting, August 2014.
- Stamler, R., Kilcrease, J., and **J.Randall** (2014), *Rhodococcus* sp. associated with abnormal 'UCB1' pistachio rootstock in CA and AZ, APS-Pacific Division, July.
- Stamler, R., Dungan, B., Holguin, O., Sanogo, S., Goldberg, N.P., Schaub, T., and **J. Randall**, Metabolomic analysis of non-host pathogen induced resistance in chile pepper (*Capsicum annuum*), Annual Meeting of the American Phytopathology Society, Austin TX, (Poster presentation).
- Rascon, A., Zizumbo, M., Potter, M., Heerema, R., and **J.Randall** (2013), Genetics of Pecan Flowering, First Pecan Symposium, International Society of Horticulture, College Station Texas, July. (Oral Presentation)
- Stamler, R., Goldberg, N.P., Sanogo, S., and **J. Randall** (2012), Characterization of induced resistance in chile pepper against *Phytophthora capsici* following inoculation with non-host *Phytophthora nicotianiae*. Annual Meeting of the American Phytopathology Society, Providence, RI (poster presentation #599-P).
- Stamler, R., Goldberg, N.P., Sanogo, S., and **J. Randall** (2012), In-vitro and In-vivo RNAi silencing of *P.capsici*, Annual Meeting of the American Phytopathology Society, Providence, RI (poster presentation #598-P).
- Lujan, P., Sanogo, S., Puppala, N., and **J. Randall** (2012), Factors affecting mycelium pigmentation and pathogenicity of *Sclerotinia sclerotiorum* on Valencia peanut, Annual Meeting of the American Phytopathology Society, Providence, RI (poster presentation 47-P).
- Stamler, R., Goldberg, N.P., Sanogo, S., and **J. Randall**, (2011), RNAi silencing of the

Plant Pathogen *Phytophthora capsici*, American Society of In-vitro Biology, (poster abstract).

**Randall, J.**, Goldberg, N.P., Kemp, J.D., Radionenko, M., French, J.M., Olsen, M.W, and S.F. Hanson (2009), Genetic Analysis of a novel *Xylella fastidiosa* Subspecies found in the Southwestern United States. Annual meeting of the American Phytopathology Society, Portland, OR (poster presentation).

**Randall, J.**, Bosland, P.W., and S.F. Hanson (2008), A new phytoplasma associated disease of chile peppers. Annual meeting of the American Phytopathology Society, Minneapolis, MN (Oral presentation).

**Randall, J.**, and S.F. Hanson, (2008), Distribution and variability of a new chile pepper infecting phytoplasma. Annual meeting of the American Phytopathology Society, Minneapolis, MN (poster presentation).

Oesterle, N., **Randall, J.**, and S.F. Hanson, 2008, Methylobacterium: Endophytes in Plants. The 21<sup>st</sup> Annual Biology Research Symposium, NMSU (poster).

Ebler, R., **Randall, J.**, and S.F. Hanson, 2008, Bacillus as a bio-control, The 21<sup>st</sup> Annual Biology Research Symposium, NMSU (poster).

**Randall, J.**, Kemp, J., Goldberg, N.P., and S.F. Hanson, (2007), In depth phylogenetic analysis of XF found in NM chitalpa and grape, Annual meeting of the American Phytopathology Society, San Diego, 2007 (Oral presentation).

**Randall, J.**, Radionenko, M., French, J., Olsen, M., Goldberg, N.P. and S.F. Hanson, (2007), Distribution and genetic analysis of XF strains found in chitalpa in the Southwest, Annual Meeting of the American Phytopathology Society, San Diego, 2007.

**Randall, J.**, Radionenko, M., French, J., Goldberg, N.P., and S.F. Hanson, (2007), Pierce's disease detected in New Mexico grapevines, Annual Meeting of the American Phytopathology Society, San Diego, 2007.

**Randall, J.**, Thokala, M.S., Mukherjee, S., Stamler, R.A., Painter, J.M., Hanley, K.A., and S.F. Hanson (2006), Host Specificity and Stress response of the PVY IRES, Annual Meeting of the American Society of Plant Biologists, Boston, 2006.

**Randall, J.**, Sutton, D., Hanson, S.F., and J.D. Kemp (2005), Delta-Zein binding domains, Annual Meeting of the American Society of Plant Biologists, Seattle, July 200