

## CURRICULUM VITAE

### NAME

Kristen Otto

### ADDRESS

Bioagricultural Sciences and Pest Management  
College of Agricultural Sciences

Plant Sciences

### PHONE

(970) 491-0256

### ACADEMIC POSITIONS

2017-2018 - Research Associate (College of Agricultural Sciences)

2016-2017 - Research Associate (College of Agricultural Sciences)

2015-2016 - Research Associate (College of Agricultural Sciences)

2014-2015 (College of Agricultural Sciences)

2012-2013 (College of Agricultural Sciences)

2011-2012 (College of Agricultural Sciences)

2010-2011 (College of Agricultural Sciences)

### PUBLISHED WORKS

#### **Refereed Journal Articles**

Miller, S. T., Otto, K., Sterle, D. G., Minas, I., Stewart, J. E. Preventive Chemical Control of *Cytospora leucostoma* in Peach (*Prunus persica*) in Colorado. *Plant Disease.*, Peer Reviewed/Refereed

Viteri, D. M., Otto, K., Teran, H., Schwartz, H. F., Singh, S. P. (2015). Use of four *Sclerotinia sclerotiorum* isolates of different aggressiveness with multiple inoculations and evaluations to select common beans with high levels of white mold resistance. *Euphytica.*, Peer Reviewed/Refereed

Schwartz, H. F., Gent, D. H., Fichtner, S. M., Otto, K., Boateng, C. O., Szostek, S., Cranshaw, W. S., Mahaffey, L. A. (2014). Thrips *tabaci* (Thysanoptera: Thripidae) and Iris yellow spot virus associated with onion transplants, onion volunteers and weeds in Colorado *baci*). *Southwestern Entomologist*, 39(4), 691-704. [www.bioone.org/doi/pdf/10.3958/059.039.0401](http://www.bioone.org/doi/pdf/10.3958/059.039.0401), Peer Reviewed/Refereed

Schwartz, H. F., Alston, D., Alwang, J., Bartolo, M. E., Blunt, T. D., Boateng, C., Bunn, B., Cramer, C., Cranshaw, W. S., Davidson, J. W., Derie, M., Douce, K., Drost, D., du Toit, L., Gour, T., Gugino, B., Hammon, B., Hardin, J. G., Hausbeck, M., Jibilian, G., Lafferty, J., LaForest, J., McMillan, M. S., Mohan, K., Morrice, J., Nault, B., Nischwitz, C., Norton, G., Otto, K., Pappu, H., Petersen, M., Sampangi, R., Schroeder, B., Secor, W., Szostek, S., Tisserat, N. A., Uchanski, M., VanKirk, J., Waters, T., Wiriyaitsomboon, P., Wohleb, C. (2014). Onion ipmPIPE: A coordinated effort to improve the management of onion thrips and Iris yellow spot virus for onion growers and their industry. *APS Plant Health Progress*, 15, 172-183.

- Boateng, C. O., H. M., Otto, K., Schwartz, H. F. (2014). Evaluation of onion germplasm for resistance to Iris yellow spot virus and/or onion thrips (*Thrips tabaci*). *Southwestern Entomologist*, 39, 237-260., Peer Reviewed/Refereed
- Singh, S. P., Schwartz, H. F., Teran, H., Viteri, D., Otto, K. (2014). Pyramiding white mould resistance between and within common bean gene pools. *Canadian J. of Plant Science*, 94, 947-954., Peer Reviewed/Refereed
- Singh, S. P., Schwartz, H. F., Viteri, D. M., Teran, H., Otto, K. (2014). Introgressing white mold resistance from *Phaseolus coccineus* PI 439534 to common pinto bean. *Crop Science*, 54, 1026-1032., Peer Reviewed/Refereed
- Webb, K. M., Case, A. J., Brick, M. A., Otto, K., Schwartz, H. F. (2013). Cross pathogenicity and vegetative compatibility of *Fusarium oxysporum* isolated from sugar beet. *Plant Disease*, 97(9), 1200-1206., Peer Reviewed/Refereed
- Singh, S. P., Teran, H., Schwartz, H. F., Otto, K., Debouck, D. G., Roca, W., Lema, M. (2013). White mold-resistant, interspecific common bean breeding line VRW 32 derived from *Phaseolus costaricensis*. *J. Plant Reg.*, 7(1), 95-99., Peer Reviewed/Refereed
- Singh, S. P., Teran, H., Schwartz, H. F., Otto, K., Debouck, D. G., Roca, W., Lema, M. (2012). *Phaseolus costaricensis*-derived white moldresistant interspecific common bean breeding lineVRW 32. *J of Plant Registration*, 7, 95-99., Peer Reviewed/Refereed
- Singh, S. P., Teran, H., Schwartz, H. F., Otto, K., Lema, M. (2009). Introgressing white mold resistance from two *Phaseolus* species of the secondary gene pool into common bean. *Crop Science*, 49, 1629-1637., Peer Reviewed/Refereed
- Schwartz, H. F., Gent, D. H., Fichtner, S. M., Hammon, R., Cranshaw, W. S., Mahaffey, L., Camper, M. A., Otto, K., McMillan, M. S. (2009). Straw Mulch and Reduced-Risk Pesticide Impacts on Thrips and Iris Yellow Spot Virus on Western-Grown Onions. *Southwestern Entomologist*, 34, 13-29., Peer Reviewed/Refereed
- Singh, S. P., Teran, H., Schwartz, H. F., Otto, K., Lema, M. (2009). White Mold-Resistant Interspecific Common Bean Germplasm Lines VCW 54 and VCW 55. *J Plant Regist*, 3, 191-197., Peer Reviewed/Refereed
- Schwartz, H. F., Otto, K., Pappu, H. R. (2007). First report of Iris yellow spot virus in commercial leek (*Allium porrum*) in the United States. *Plant Dis*, 91, 113., Peer Reviewed/Refereed
- Schwartz, H. F., Otto, K., Teran, H., Lema, M., Singh, S. P. (2006). Inheritance of white mold resistance in *Phaseolus vulgaris* x *P-coccineus* crosses. *Plant Dis*, 90, 1167-1170., Peer Reviewed/Refereed
- Harveson, R. M., Schwartz, H. F., Vidaver, A. K., Lambrecht, P. A., Otto, K. (2006). New outbreaks of bacterial wilt of dry bean in Nebraska observed from field infections. *Plant Dis*, 90, 681., Peer Reviewed/Refereed
- Brick, M. A., Byrne, P. F., Schwartz, H. F., Ogg, J. B., Otto, K., Fall, A. L., Gilbert, J. (2006). Reaction to three races of fusarium wilt in the *Phaseolus vulgaris* core collection. *Crop Sci*, 46, 1245-1252., Peer Reviewed/Refereed
- Schwartz, H. F., Otto, K., Gent, D. H. (2003). Relation of temperature and rainfall to development of *Xanthomonas* and *Pantoea* leaf blights of onion in Colorado. *Plant Dis*, 87, 11-14., Peer Reviewed/Refereed

McMillan, M. S., Schwartz, H. F., Otto, K. (2003). Sexual stage development of *Uromyces appendiculatus* and its potential use for disease resistance screening of *Phaseolus vulgaris*. *Plant Dis*, 87, 1133-1138., Peer Reviewed/Refereed

Schwartz, H. F., Otto, K. (2000). First report of a bulb decay of onion by *Enterobacter cloacae* in Colorado. *Plant Disease Note*, 84, 808., Peer Reviewed/Refereed

Schwartz, H. F., Otto, K. (2000). First report of a leaf blight and bulb decay of onion by *Pantoea ananitas* in Colorado. *Plant Disease Note*, 84, 808., Peer Reviewed/Refereed

Schwartz, H. F., Otto, K. (2000). First Report of a Leaf Blight of Onion Caused by *Xanthomonas campestris* in Colorado. *Plant Dis*, 84, 922., Peer Reviewed/Refereed

### **Non-Refereed Journal Articles**

Stewart, J., Otto, K., Cline, G., Dumroese, R., Klopfenstein, N., Kim, M.-S. (2016). First Report of *Fusarium proliferatum* Causing *Fusarium* Root Disease on Sugar Pine (*Pinus lambertiana*) in a Forest Container Nursery in California. *Plant Disease*., Not Peer Reviewed/Refereed

Brick, M. A., Byrne, P. F., Schwartz, H. F., Ogg, J. B., Otto, K., Fall, A. L., Gilbert, J. (2006). Reaction to three races of *Fusarium* wilt in the core collection. *Crop science*, 46(3), 1245–1252., Not Peer Reviewed/Refereed

Wickliffe, E., Otto, K., Schwartz, H., Brick, M. A., Ogg, J. B., Byrne, P. F., Fall, A., Panella, L., Hill, A. (2000). *Fusarium* wilt variability in dry bean and sugarbeet. *ANNUAL REPORT-BEAN IMPROVEMENT COOPERATIVE*, 43, 92–93., Not Peer Reviewed/Refereed

Bradshaw, Jr, H. D., Otto, K., Frewen, B. E., McKay, J. K., Schemske, D. W. (1998). Quantitative trait loci affecting differences in floral morphology between two species of monkeyflower (*Mimulus*). *Genetics*, 149(1), 367-82., Not Peer Reviewed/Refereed

Johnson, J. J., Brick, M. A., Schwartz, H. F., McMillan, M. S., Jones, S. M., Bartolo, M. E., Davidson, J. W., Hain, J. P., Jewell, K. S., Ogg, J. B., Andales, A. A., Otto, K. (2012). *Making Better Decisions –2012 Colorado Dry Bean Variety Performance Trials*.: Colorado State University Agric Exp Stn Technical Report TR 12-12, 14 pp., Not Peer Reviewed/Refereed

Johnson, J. J., Brick, M. A., Schwartz, H. F., Andales, A. A., Bartolo, M. E., Hain, J. P., Jewell, K. S., Jones, S. M., McMillan, M. S., Ogg, J. B., Otto, K. (2011). *Making Better Decisions – 2011 Dry Bean Variety Performance Trials*.: Colorado State University Agric Exp Stn Technical Report TR11-10, 12 pp., Not Peer Reviewed/Refereed

### **AES Report/Bulletin**

Johnson, J. J., Brick, M. A., Schwartz, H. F., McMillan, M. S., Jones, S. M., Bartolo, M. E., Davidson, J. W., Hain, J. P., Jewell, K. S., Ogg, J. B., Andales, A. A., Otto, K. (2013). *Making Better Decisions – 2013 Colorado Dry Bean Variety Performance Trials* (13-5 ed., pp. 14).: CSU Agr. Exp. Station., Peer Reviewed/Refereed

### **Research Report**

Schwartz, H. F., Otto, K., Viteri, D. M., Debouck, D. G., Singh, S. P. (2014). *Response of six wild Phaseolus costaricensis accessions to seven bacterial, fungal, and viral diseases of common bean* (vol. 57, pp. 241-242).: Ann. Rept. Bean Improv. Coop., Not Peer Reviewed/Refereed

## Technical Report

Johnson, J. J., Schwartz, H., Brick, M. A., Otto, K., Hain, J. P., Jones, S. M., Jewell, K. S., Ogg, J. B. (2014). *TR 14-9 Making Better Decisions, 2014 Colorado Dry Bean Variety Performance.*: Colorado Agricultural Experiment Station, Fort Collins, Colorado., Not Peer Reviewed/Refereed

## PAPERS PRESENTED/SYMPOSIA/INVITED LECTURES/PROFESSIONAL MEETINGS/WORKSHOPS

August 5, 2017, "Cytospora Canker: Managing A Major Limiting Factor for Colorado Peach Production", American Phytopathological Society Annual Meeting 2017, APS, (Presenter) Miller, S. T., peer-reviewed/refereed.

July 2, 2017, "Developing strategies for managing Cytospora canker in peach orchards in Colorado", 9th International Peach Symposium, Bucharest, Romania, (Presenter) Minas, I., peer-reviewed/refereed.

January 18, 2017, "CSU Cytospora Research: Developing Management Applications", Western Colorado Horticultural Society 2017 Annual Meeting, Western Colorado Horticultural Society, (Presenter) Miller, S. T.

July 30, 2016, "Cytospora leucostoma: the most virulent and prevalent agent of Cytospora Canker on peaches on the Western Slope of Colorado", American Phytopathological Society Annual Meeting 2016, APS, (Presenter) Miller, S. T., peer-reviewed/refereed.

January 21, 2016, "Cytospora on peaches in Colorado", Western Colorado Horticultural Society 2016 Annual Meeting, Western Colorado Horticultural Society, (Presenter) Stewart, J. E., Minas, I.

June 17, 2013, "Viteri, D.M., Otto, K., Terán, H., Schwartz, H.F., and Singh, S.P. 2013. Role of Sclerotinia sclerotiorum isolate aggressiveness, multiple inoculations and post-inoculation evaluation dates for selecting white mold resistant common bean.", American Phytopathological Society Pacific Division Meeting, June 17-19, Tucson, AZ., American Phytopathological Society, (Presenter) Viteri, D. M., Tucson, AZ.

\*\*\*\*\*