

CURRICULUM VITAE

NAME

Jillian Lang

ADDRESS

Bioagricultural Sciences and Pest Management
College of Agricultural Sciences

Plant Sciences

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ACADEMIC POSITIONS

2017-2018 - Director of Strategic Partnerships (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

Lang, J. M., Langlois, P., Nguyen, M. H., Triplett, L. R., Purdie, L., Holton, T. A., Djikeng, A., Vera Cruz, C. M., Verdier, V., Leach, J. E. (2014). Sensitive detection of *Xanthomonas oryzae* Pathovars *oryzae* and *oryzicola* by loop-mediated isothermal amplification. *Applied and Environmental Microbiology*, 80(15), 4519-30., Peer Reviewed/Refereed

Ash, G. J., Lang, J. M., Triplett, L. R., Stodart, B. J., Verdier, V., Vera Cruz, C., Rott, P., Leach, J. E. (2014). Development of a genomics-based LAMP (Loop-1 mediated isothermal amplification) assay for detection of *Pseudomonas fuscovaginae* from rice. *Plant Disease/APS Press*, 98, 909-915., Peer Reviewed/Refereed

Lang, J. M., Gent, D. H., Schwartz, H. F. (2007). Management of *Xanthomonas* leaf blight of onion with bacteriophages and a plant activator. *Plant Dis*, 91, 871-878., Peer Reviewed/Refereed

Lang, J. M., Gent, D. H., Schwartz, H. F. (2006). Alternative strategies for onion *Xanthomonas* leaf blight management. *Phytopathology*, 94, S56., Peer Reviewed/Refereed

Gent, D. H., Lang, J. M., Schwartz, H. F. (2005). Epiphytic survival of *Xanthomonas axonopodis* pv *allii* and *X. axonopodis* pv *phaseoli* on leguminous hosts and onion. *Plant Dis*, 89, 558-564., Peer Reviewed/Refereed

Gent, D. H., Lang, J. M., Bartolo, M. E., Schwartz, H. F. (2005). Inoculum sources and survival of *Xanthomonas*

axonopodis pv allii in Colorado. *Plant Disease*, 89, 507-514., Peer Reviewed/Refereed

Refereed Chapters in Books

Vera Cruz, C. M., B, C., Nguyen, M. H., Lang, J. M., Mew, T. W., Leach, J. E. (2016). Detection of *Xanthomonas oryzae* pv. *oryzae*, and *X. oryzae* pv. *oryzicola* in rice seeds. *APS Manual on Detection of Plant Pathogenic Bacteria in Seed and Other Planting Material.*: APS Press., Peer Reviewed/Refereed

Lang, J. M., Langlois, P., Nguyen, M., Purdie, L., Holton, T., Djikeng, A., Vera Cruz, C., Verdier, V., Leach, J. E. (2014). *Sensitive detection of Xanthomonas oryzae pv. oryzae and X. oryzae pv. oryzicola by Loop Mediated Isothermal Amplification* (vol. 80, pp. 4519-4530): Applied and Environmental Microbiology., Peer Reviewed/Refereed

Tonnessen, B., Manosalva, P., Lang, J. M., Baraoidan, M., Bordeos, A., Mauleon, R., Oard, J., Hulbert, S., Leung, H., Leach, J. E. (2014). *Rice phenylalanine ammonia-lyase gene OsPAL4 is associated with broad spectrum disease resistance* (pp. 273-286): Plant Molecular Biology., Not Peer Reviewed/Refereed

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

2014, "OsVOZ transcription factors negatively regulate defense responses in rice and impact RXO1-mediated immunity", International Society for Molecular Plant-Microbe Interactions Meetings, ISMPMI, Rhodes, Greece, peer-reviewed/refereed.

PROFESSIONAL AFFILIATIONS AND ACTIVITIES

International Society for Molecular Plant Microbe Interactions. (January 1, 2014 - Present).

American Phytopathological Society. (January 2004 - Present).

OTHER ACTIVITIES/ACCOMPLISHMENTS – SERVICE/OUTREACH

K-12 Outreach, Poudre School District, Fort Collins, Colorado. (March 7, 2017 - Present).

K-12 Outreach, Poudre School District, Fort Collins, Colorado. (April 11, 2016 - Present).

K-12 Outreach, Poudre School District, Fort Collins, Colorado. (June 17, 2014 - Present).
