

CURRICULUM VITAE

NAME

Elisa Bernklau

ADDRESS

Bioagricultural Sciences and Pest Management
College of Agricultural Sciences

Plant Sciences

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EDUCATION

2003 Ph D, Colorado State University

1997 MS, Colorado State University

1984 BS, Colorado State University

ACADEMIC POSITIONS

2009 - 2014 Research Scientist, Colorado State University.

2007 - 2008 Post Doc Researcher, USDA-ARS.

1992 - 2003 Colorado State University, Research Associate.

1984 - 1992 Research Technician, Colorado State university.

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)

OTHER POSITIONS

1987 - 1993 Data Coordinator, USDA-APHIS-CAPS.

PUBLISHED WORKS

Refereed Journal Articles

Seshadri, A., Bjostad, L. B., Bernklau, E. J. Metabolomics of bee hive pollen and crop pollen. *Metabolomics.*, Peer Reviewed/Refereed

Bernklau, E. J., Hibbard, B. E., Dick, D. L., Rithner, C. D., Bjostad, L. B. (2015). Monogalactosyldiacylglycerols as Host Recognition Cues for Western Corn Rootworm Larvae (Coleoptera: Chrysomelidae). *Journal of Economic Entomology*, 108(2), 539-548. <Go to ISI>://WOS:000355283600018, Peer Reviewed/Refereed

Non-Refereed Journal Articles

Bernklau, E. J., Hibbard, B. E., Bjostad, L. B. (2013). Isolation and Characterization of Host Recognition Cues in Corn Roots for Larvae of the Western Corn Rootworm (Coleoptera: Chrysomelidae). *Journal of Economic Entomology*, 106(6), 2354-2363. <Go to ISI>://WOS:000329991200015, Not Peer Reviewed/Refereed

Hiltbold, I., Bernklau, E. J., Bjostad, L. B., Alvarez, N., Miller-Struttman, N., Lundgren, J., Hibbard, B. (2013). Nature, evolution and characterisation of rhizospheric chemical exudates affecting root herbivores. *Advances in Insect Physiology*, 45, 97-157., Not Peer Reviewed/Refereed

Bernklau, E. J., Bjostad, L. B., Hibbard, B. E. (2011). Synthetic feeding stimulants enhance insecticide activity against western corn rootworm larvae, *Diabrotica virgifera virgifera* (Coleoptera: Chrysomelidae). *Journal of Applied Entomology*, 135(1-2), 47-54. <Go to ISI>://WOS:000286112700006, Not Peer Reviewed/Refereed

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

November 18, 2014, "Host location behavior of western corn rootworm - ESA", Annual Meeting, Entomological Society of America, Portland, Oregon.

April 15, 2014, "Chemical ecology of host selection in *Diabrotica* - IWGO", IWGO Meeting (International Working Group on Ostrinia & Other Corn Pests), (Presenter) Bernklau, E. J., Chicago, Illinois.

PROFESSIONAL AFFILIATIONS AND ACTIVITIES

Entomological Society of America. (1996 - Present).
