

**CURRICULUM VITAE**

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Bioagricultural Sciences and Pest Management  
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**EDUCATION**

2000 Ph D, Ohio State University

1993 BS, University of Dayton

**PUBLISHED WORKS**

**Refereed Journal Articles**

Reuning, G. A., Bauerle, W. L., Mullen, J. L., McKay, J. K. (2015). Combining quantitative trait loci analysis with physiological models to predict genotype-specific transpiration rates. *Plant, cell & environment*, 38(4), 710-717.

Lovell, J. T., Mullen, J. L., Lowry, D. B., Awole, K., Richards, J. H., Sen, S., Verslues, P. E., Juenger, T. E., McKay, J. K. (2015). Exploiting Differential Gene Expression and Epistasis to Discover Candidate Genes for Drought-Associated QTLs in *Arabidopsis thaliana*. *The Plant cell*, 27(4), 969-83.

**Non-Refereed Journal Articles**

Fletcher, R. S., Mullen, J. L., Heiliger, A., McKay, J. K. (2014). QTL analysis of root morphology, flowering time, and yield reveals trade-offs in response to drought in *Brassica napus*. *Journal of experimental botany*, eru423.

Reuning, G., Bauerle, W. L., Mullen, J. L., McKay, J. K. (2014). Combining quantitative trait loci analysis with physiological models to predict genotype specific transpiration rates. *Plant, Cell and Environment*.

Enjalbert, J.-N., Zheng, S., Johnson, J. J., Mullen, J. L., Byrne, P. F., McKay, J. K. (2013). Brassicaceae germplasm diversity for agronomic and seed quality traits under drought stress. *Industrial Crops and Products*, 47:, 176-185.

Fletcher, R. S., Mullen, J. L., Yoder, S., Bauerle, W. L., Reuning, G., Sen, S., Meyer, E., Juenger, T. E., McKay, J. K. (2013). Development of a next-generation NIL library in *Arabidopsis thaliana* for dissecting complex traits. *BMC genomics*, 14, 655.

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