

GRANTS

Jacobsen, K.L., J.R. Schramski, and O. Wendroth. 2013-2018. Toward Sustainable Nitrogen and Carbon Cycling on Diversified Horticultural Farms Serving Community Food Systems. NIFA-AFRI Foundational Programs. \$495,000. Jacobsen Portion: \$311,476. (*PI, 6% Effort, Nationally Competitive*).

*As PI, I lead the multi-state team and direct the research, and advise the PhD student funded by the project. My lab conducts the majority of the plant and soil analyses for the project.

Grossman, J., J. Gutknecht, H. Peterson, C. Rivard, **K.L. Jacobsen**. 2016-2020. A Multi-regional Approach for Sustained Soil Health in Organic High Tunnels: Nutrient Management, Economics, and Educational Programming. US Department of Agriculture (USDA) National Institute of Food and Agriculture (NIFA): Organic Research and Extension Initiative (OREI). Total Request: \$1,523,708; UK Subcontract: \$174,991. (*co-PI, 8% effort, Nationally Competitive*).

*As co-PI, I lead the Kentucky portion of this multi-state project, including directing management and data collection for two year-round, multi-year high tunnel field experiments.

Funding Summary

Nationally Competitive.....	\$3,257,288
Regionally Competitive.....	\$475,503
State & Internally Competitive.....	\$328,408
Competitive Funds for Teaching Support.....	\$17,500
Industry.....	\$20,000
<i>Total Funding to Date.....</i>	<i>\$4,078,699</i>
<i>Total Funding Awarded to Jacobsen Program.....</i>	<i>\$765,547</i>

PUBLICATIONS († indicates Jacobsen student, ‡ indicates post-doc under my supervision, * indicates corresponding author) Senior author is by default the first author unless otherwise indicated.

Refereed Journal Articles

Magnani, R.†, Dirk, L. M., Trievel, R. C., and **Houtz, R. L.*** (2010). Calmodulin methyltransferase is an evolutionarily conserved enzyme that trimethylates Lys-115 in calmodulin. **Nat. Commun.** 1:43. (IF= 12.353; TC= 178,348) *Journal rankings in the subject category of multidisciplinary sciences, IF 3/64, TC 6/64, Total Citations to date=45.*

Turner, H.*, and **K.L. Jacobsen**. 2016. Cultivating a Sustainable Campus Community Garden through Creation of Place. *The International Journal of Sustainability Education* 12(4):1-12. (*IF¹ & TC not available*)

Brislen, L.*, K. Tanaka, **K. Jacobsen**. 2016. Preferred Knowledge Sources for Beginning Farmers: The Case of Kentucky. *Journal of Extension* 54(4): 4FEA5. (*IF & TC not available*)

Anderson, V.M.†, D.D. Archbold, R.L. Geneve, D.L. Ingram, and **K.L. Jacobsen***. 2016. Fertility Source and Drought Stress Effects on Plant Growth and Essential Oil Production of *Calendula officinalis*. *HortScience* 51(4):342-348. (IF=1.122; TC=7,659) *Journal rankings in the subject category of Horticulture, IF 15/37, TC 5/37, Total Citations to date=45.*

When possible give URL and/or DOI links to your publications

If associated with a Hatch or Multi-State project be sure to add a statement in the

¹ Impact Factor (IF) and Total Cites (TC) based on data from 2015 Thompson Reuters InCites reporting, accessed from Web of Science. IF based on 5-year average, article cites dated from June 2017. IF and TC are not available for journals that are not indexed by Thompson Reuters.

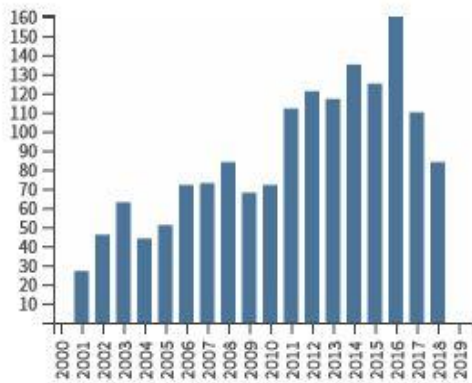
Acknowledgements section according to the directions found here:

<http://research.ca.uky.edu/forms>

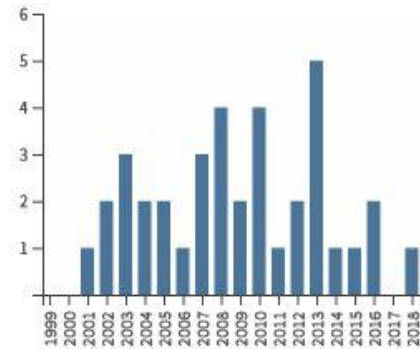
When appropriate additional analytics should be provided for overall research productivity such as h-index, sum of times cited by year and total publications by year. This would not be necessarily appropriate for Assistant Professors, but would be for Associate Professors during performance evaluations and when going up for promotion to full Professor, and for performance evaluations for full Professors.

Example:

Sum of Times Cited by Year



Total Publications by Year



Results found	81
Sum of the Times Cited	1823
Average Citations per Item	22.51
h-index	25

Graduate Student Education

- State your role (major advisor, committee member, other)
- Best evidence of success: your students have completed their degrees and published their work
- Other evidence of success: stating positions attained by students after they left your program