

# MARK E. UCHANSKI

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## PROFESSIONAL PREPARATION

Institution, Locations	Major/Area	Degree, Year
University of Illinois at Urbana-Champaign (UIUC), USA	Horticultural Sciences, Spanish minor	B.S., 2002
UIUC	Horticulture, Vegetable Crops	Ph.D., 2007

## APPOINTMENTS

2018-present	Associate Professor of Horticulture and Extension Specialty Crops Specialist, Dept. of Horticulture and Landscape Architecture, Colorado State University	
2015-2018	Assistant Professor of Specialty Crops, Department of Horticulture and Landscape Architecture, Colorado State University	
2014-2015	Associate Professor of Horticulture (Vegetable Crops) with tenure, Department of Plant and Environmental Sciences, New Mexico State University (NMSU)	
2008-2014	Assistant Professor of Horticulture (Vegetable Crops), Department of Plant and Environmental Sciences, NMSU	
2002-2007	Graduate Research and Teaching Assistant, Department of Natural Resources and Environmental Sciences, University of Illinois at Urbana-Champaign	

## HONORS AND AWARDS

- 2020, Best Teacher Award, CSU Alumni Association, Fort Collins, CO
- 2018, Western Region USDA Multistate Project Award, Managing Onion Pests and Diseases (W2008; W3008)
- 2017, Team Research Award: Food Systems, Colorado State University, Fort Collins CO
- 2016, Outstanding Education Publication Award, American Society for Horticultural Science, Atlanta GA
- 2013, Organic Educator of the Year, New Mexico Organic Farming Conference, Albuquerque NM
- 2012, New Mexico State University College of Agricultural, Consumer, and Environmental Sciences & North American Colleges and Teachers of Agriculture Teaching Award, Las Cruces NM

## SYNERGISTIC ACTIVITIES

- American Society for Horticultural Science (ASHS): Hemp Professional Interest Group member (2019-present), Membership Committee Chair (2013-2017), CSU Membership Representative, Industry Partnership Development & Sponsorship Committee (2017-present).
- Multistate Research Project (W-3008) Committee: Biology and management of *Iris yellow spot virus* (IYSV), other diseases, and thrips in onions. Chair (2014) and member (2012-present).

## RELEVANT PRODUCTS AND/OR PUBLICATIONS

- Michell, K.A., H. Isweiri, S.E. Newman, M. Bunning, L.L. Bellows, M.M. Dinges, L.E. Grabos, S. Rao, M.T. Foster, A.L. Heuberger, J.E. Prenni, H.J. Thompson, M.E. Uchanski, T.L. Weir, and S.A. Johnson. 2020. Microgreens: Consumer sensory perception and acceptance of an emerging functional food crop. *Journal of Food Science*. <https://doi.org/10.1111/1750-3841.15075>
- Uchanski, M.E., D.M. VanLeeuwen, S.J. Guldan, C.L. Falk, M. Shukla, and J. Enfield. 2020. Crop environment characterization during winter in high tunnels in the southwestern United States.

- HortTechnology 30(2): 259-267. <https://doi.org/10.21273/HORTTECH04486-19>
- M. Uchanski and B. Mitchell. 2019. Hemp 101: How breaking down dog breeds can help us better understand the classification of hemp. CSU Extension Fact Sheet: <http://hemp.agsci.colostate.edu/wp-content/uploads/sites/105/2019/10/Hemp-101-Infographicv4.pdf>
- B.A. Mitchell and M.E. Uchanski. 2019. Industrial Hemp: Reemergence of an Alternative Crop in the US. 2019. CSU Extension Fact Sheet. <https://extension.colostate.edu/topic-areas/agriculture/industrial-hemp-reemergence-of-an-alternative-crop-in-the-u-s-0-311/>
- Mason, T. and M.E. Uchanski. 2019. Rapid burndown: caprylic and capric acid for weed management in organic vegetable and specialty crop production. eOrganic: <https://eorganic.org/node/33455>.
- Mitchell, B., A. Elliott, and M.E. Uchanski. 2019. Fruit cluster pruning of tomato in an organic high tunnels system. HortScience 54(2): 311-316.
- Stuemky, A. and M.E. Uchanski. 2019. Supplemental light-emitting diode effects on growth, fruit quality, and yield of two greenhouse-grown strawberry (*Fragaria X ananassa*) cultivars. HortScience: Published online 12/10/19. Pp. 1-7.
- Khoury, C., Dr. Barchenger, M. Kantar, M. Uchanski, L. Bohs, D. Carver, P. Bosland, B. Jarret, G. Nabhan. 2019. Modeled distributions and conservation status of the wild relatives of chile peppers (*Capsicum* L.). Diversity and Distributions: <https://onlinelibrary.wiley.com/doi/full/10.1111/ddi.13008>.
- Keshavarz, R., B. Ogg, M. Uchanski, K. Larson, K. Russell, and F. Stonaker. 2019. Cool-season grain legumes yield in Colorado. Colorado State University Agricultural Experiment Station Technical Report. Pp. 1-11.
- Jablonski, B.B.R., M. Carolan, J. Hale, D. Thilmany McFadden, E. Love, L. Christensen, T. Covey, L. Bellows, R. Cleary, O. David, K. Jablonski, A. Jones, P. Meiman, J. Quinn, E. Ryan, M. Schipanski, and M. Uchanski. 2019. Connecting urban food plans to the countryside: Leveraging Denver's Food Vision to explore meaningful rural-urban linkages. Rev. in Sust. 11(2022): 1-18.
- Flores, H., J.R. Villalobos, O. Ahumada, M. Uchanski, C. Meneses, and O. Sanchez. 2019. Use of supply chain planning tools for efficiently placing small farmers into high-value, vegetable markets. Computers and Electronics in Agriculture 157: 205-217.
- Uchanski, M.E., J. Garlisch, J.M. Patrick, S. Walker, C. Brown, and D. Clark. 2018. FOOD: A multi-component local food system assessment tool. Journal of Extension **Feature Article** 56(7): 1-8.
- Uchanski, M., M. Bunning, and J. Quinn. 2017. The intersection of the new Food Safety Modernization Act (FSMA) and the National Organic Program (NOP). Colorado State University Extension: <http://farmtotable.colostate.edu/docs/fsma-paper.pdf>
- Fulton, J.C. and M.E. Uchanski. 2017. A review of chile pepper (*Capsicum annuum*) stip: a physiological disorder of peppers. HortScience 52(1):4-9.
- Lynch, H., J.M. Patrick, M. Uchanski, and C. Wharton. 2017. Small farm sustainability in the southwest: challenges, opportunities, and best practices for local farming in Arizona and New Mexico. Food Studies: An Interdisciplinary Journal. 8(2): 45-56.
- Uchanski, M.E., K. Grover, D. VanLeeuwen, and R. Goss. 2015. Integrating hoop house construction and environmental data interpretation into an undergraduate general education plant science course. HortTechnology 25(2):247-252.
- Schwartz, H. and M. Uchanski. 2015. Alternative Bean Production Systems: in Common Bean Health Management & Production, 3<sup>rd</sup> Edition. Schwartz, H.F. and M.A. Brick (eds), CO State Univ.
- Rudolph, R.E., C. Sams, R. Steiner, S.H. Thomas, S. Walker, and M.E. Uchanski. 2015. Biofumigation performance of four Brassica crops in a green chile pepper rotation system in southern NM. HortSci. 50(2):247-253.