

**Matt Baker's Publications
2019-2020 Publications**

Refereed Journal Articles

Fischer, L. M., Meyers, C., Cummins, R. G., Gibson, C., & Baker, M. (2020). Creating relevancy in agricultural science information: examining the impact of motivational salience, involvement and pre-existing attitudes on visual attention to scientific information. *Journal of Applied Communications*, 104(2), 1-23. <https://doi.org/10.4148/1051-0834.2287>

Gikunda, R., Lawver, D., Baker, M., & Boren-Alpizar, A. (2020). Spatial trends and distribution patterns of organic crop production in Central Kenya. *American Journal of Geographic Information Systems* (9), 1, 23-32. doi:10.5923/j.ajgis.20200901.03

Magogo, J. R., Lawver, D. E., Baker, M. T., Amy, B. A., McKenney, C., & Nkurumwa, A. O. (2020). Spatial patterns of African indigenous vegetables value chain actors: The case of Narok and Kajiado County, Kenya. *American Journal of Geographic Information System*, 9(2), 47-54. <https://doi.10.5923/j.ajgis.20200902.01>

Non-Refereed Journal Article

Malette, D., Blatnick-Gangne, K., Alexander, K., Fletcher, J., & Baker, M. (2020, May). Enhancing self-efficacy for teaching and retention: The need for a career and technical education teacher mentorship program. *Techniques*, 28-31.

Refereed Presentations

Englishbey, A., Dinh, T., Hill, N., Lawson, C., Opat, K., Oyugi, M., & Baker, M. (2020, April 20-23). *Do shopping and consumer habits influence confidence in the safety of meat products in Vietnam* [Paper presentation]. Association for International Agricultural and Extension Education Annual Conference, St. Petersburg, FL, United States.

Gikunda, R., Lawver, D., Baker, M., Boren-Alpizar, A., & Wenxuan, G. (2020, April 20-23). *Spatial patterns of adoption of sustainable organic agricultural practices in central Kenya* [Paper presentation]. Association for International Agricultural and Extension Education Annual Conference, St. Petersburg, FL, United States.

Gilliam, K.C., Baker, M., Rayfield, J., Ritz, R., & Cummins, G. (2019, May 21-24). *Effects of question difficulty and post-question wait-time on emotional response: A psychophysiological analysis* [Paper presentation]. American Association of Agricultural Education Annual Conference, Des Moines, IA, United States.

<http://aaaeonline.org/resources/Documents/National/2019Meeting/2019AAAEProceedings.pdf>

Gilliam, K.C., Baker, M., Rayfield, J., Ritz, R., & Cummins, R.G. (2019, May 21-24). *Perceptions of undergraduate students on the effects of question difficulty and post-question wait-time on cognitive and emotional processes* [Paper presentation]. American Association of Agricultural Education Annual Conference, Des Moines, IA, United States.

<http://aaaeonline.org/resources/Documents/National/2019Meeting/2019AAAEProceedings.pdf>

LaGrande, L., Meyers, C., Cummins, R.G., & Baker, M. (2019, May 21-24). *A moment-to-moment analysis of trust in agricultural messages* [Paper presentation]. American Association of Agricultural Education Annual Conference, Des Moines, IA, United States.

<http://aaaeonline.org/resources/Documents/National/2019Meeting/2019AAAEProceedings.pdf>

Lu, P., & Baker, M. (2019, April 1-4). *Exploratory factor analysis and internal consistency of agricultural university students' critical thinking attitudes* [Paper presentation]. Association for International Agricultural and Extension Education Annual Conference, Port of Spain, Trinidad, Trinidad and Tobago.

<http://aaaeonline.org/resources/Documents/National/2019Meeting/2019AAAEProceedings.pdf>

Lu, P., Baker, M., & Burris, S. (2020, April). *The correlation of critical thinking style and critical thinking attitude among agriculture undergraduate students*. Research paper accepted at Association for International Agricultural and Extension Education Annual Conference.

Lu, P., Baker, M., Schroeder, S., Burris, S., & Cummings, G. (2019, September 16-19). *The effectiveness of a metacognitive strategy during the learning process on subject matter retention, visual attention, and cognitive allocation* [Poster presentation]. American Association for Agricultural Education Western Region Conference, Anchorage, AK, United States.

http://aaaeonline.org/resources/Documents/Western%20Region/Meeting%202019/2019_WAAAE_Poster_Proceedings.pdf

Lu, P., Burris, S., & Baker, M. (2020, April 20-23). *Cultural difference in critical thinking style: A comparison of U.S. and Chinese agriculture undergraduate students* [Paper presentation]. Association for International Agricultural and Extension Education Annual Conference, St. Petersburg, FL, United States.

Lu, P., Oh, Y., Baker, M., & Xu, J. (2019, September 16-19). *Assessing the dimensional validity of the University of Florida Critical Thinking Inventory (UFCTI) in Chinese: A confirmatory factor analysis* [Paper presentation]. American Association for Agricultural Education Western Region Conference, Anchorage, AK, United States.

<http://aaaeonline.org/resources/Documents/Western%20Region/Meeting%202019/2019WesternRegionAAAEProceedings.pdf>

Magogo, J.R., Lawver, D., Baker, M., Boren-Alpizar, A., McKenney, C., & Oyaywa-Nkurumwa, A. (2019, April 1-4). *Spatial patterns of African indigenous vegetable value chain actors: The case of Narok and Kajiando counties, Kenya* [Paper presentation]. Association for International Agricultural and Extension Education Annual Conference, Port of Spain, Trinidad, Trinidad and Tobago.

<http://aaaeonline.org/resources/Documents/National/2019Meeting/2019AAAEProceedings.pdf>