**Kylie L.T. Tavares**

*Formerly Kylie L.T. Wong*

**College of Tropical Agriculture and Human Resources**

Department of Tropical Plant and Soil Sciences

FTE Distribution: 100% Extension

**Education**

**Degree University Major**

Bachelor of Science University of Hawai‘i at Mānoa Natural Resources and Environmental

Management

Master of Science Michigan State University Food Safety

**Professional Appointments**

**Title Employer Dates Employed**

Junior Extension Agent University of Hawai‘i at Mānoa 7/2017-Present

Junior Extension Agent University of Hawai‘i at Mānoa 5/2016-7/2017

**Publications (reverse chronological order)**

Conference Proceedings

1. Chou, M.Y., Shimabuku, R., Sugano, J., Uyeda, J., Hamasaki, R., **Tavares, K.**, Silva, J., Huang Y.B., Kao, C.H. & Mau, R.F.L. (2021). Insecticide resistance monitoring and management of diamondback moth, *Plutella xylostella,* in Hawai‘i and Taiwan.

Extension Publications

1. Motomura-Wages, S.A., **Tavares, K.**, Macanas, D. The Food Safety Modernization Act (FSMA): Frequently Asked Questions for Fresh Fruit and Vegetable Producers. (in press). Cooperative Extension Service. University of Hawai'i at Manoa. [Submitted for Publication]
2. **Tavares K.**, Motomura-Wages, S.A. (2021). FSMA Produce Safety Rule: Qualified Exemption Eligibility and Annual Determination Worksheet. 2021. College of Tropical Agriculture and Human Resources, University of Hawai'i at Mānoa. Food Safety and Technology, 67, 1-3. http://www.ctahr.hawaii.edu/oc/freepubs/pdf/FST-67.pdf
3. **Tavares, K.**, Silva, J., and N. Ooki. (2021). Tropical Cyclone Emergency Management for Farmers. College of Tropical Agriculture and Human Resources, University of Hawai‘i at Mānoa. CTAHR Emergency Response Hurricane Response Fact Sheets, pp 1-2 https://gms.ctahr.hawaii.edu/gs/handler/getmedia.ashx?moid=68797&dt=3&g=12
4. Hubanks, H., Silva, J., and **K. Tavares**. (2021). Food Safety and Conservation Co-Management: A Guide for Hawai`i Growers. College of Tropical Agriculture and Human Resources, University of Hawai‘i at Mānoa. Sustainable Agriculture 20, 1-28. <https://www.ctahr.hawaii.edu/oc/freepubs/pdf/SA-20.pdf>
5. Gutierrez-Coarite, R. and **K. Tavares** (2021). Onion Thrips Management in Bulb Onions. Hānai ‘Ai Newsletter 43: July, August, September 2021. University of Hawaii at Mānoa. College of Tropical Agriculture and Human Resources. pp. 1-3. <https://gms.ctahr.hawaii.edu/gs/handler/getmedia.ashx?moid=69157&dt=3&g=12>
6. Ahmad, A., Wang, K, Radovich, T., Uyeda, J., Motomura-Wages, S., Kirk, E., Silva, J., Gutierrez-Coarite, R., **Tavares, K.** and J. Sugano. (2021). Transitioning Tissue Culture Banana Seedlings from Lab to Field. Hānai ‘Ai Newsletter 43: July, August, September 2021. University of Hawaii at Mānoa. College of Tropical Agriculture and Human Resources. pp. 1-5. <https://gms.ctahr.hawaii.edu/gs/handler/getmedia.ashx?moid=69436&dt=3&g=12>
7. **Tavares, K.,** Silva, J., and N. Ooki. (2021). Tropical Cyclone Emergency Management for Farmers. Hānai ‘Ai Newsletter 42: April, May, June 2021. University of Hawaii at Mānoa. College of Tropical Agriculture and Human Resources. pp. 1-2. <https://gms.ctahr.hawaii.edu/gs/handler/getmedia.ashx?moid=68103&dt=3&g=12>
8. **Tavares, K**. and J. Silva. (2021). Produce Safety and On-Farm Flooding. Hānai ‘Ai Newsletter 41: Jan, Feb, March 2021. University of Hawaii at Mānoa. College of Tropical Agriculture and Human Resources. pp. 1-3. https://gms.ctahr.hawaii.edu/gs/handler/getmedia.ashx?moid=67965&dt=3&g=12
9. Gutierrez-Coarite, R., Shimabuku, R., **Tavares, K**., Hamasaki, R., Souder, S. & Manoukis, N. (2020). Olive Fruit Fly Management. College of Tropical Agriculture and Human Resources, University of Hawai‘i at Mānoa, Insect Pests 33. Honolulu, HI. <https://www.ctahr.hawaii.edu/oc/freepubs/pdf/IP-49.pdf>
10. Silva, J., **Tavares, K**., and R. Shimabuku. 2020. Bagrada Bug: A Summertime Pest of Brassica. *Hānai ‘Ai The Food Provider* Volume 39: Fall 2020. University of Hawaii at Mānoa. College of Tropical Agriculture and Human Resources.
11. **Tavares, K.**, Uyeda, J., and J. Silva. (2020). Conducting a Seed Germination Test: Why and How. *Hānai ‘Ai The Food Provider*. Volume 39: Fall 2020. University of Hawaii at Mānoa. College of Tropical Agriculture and Human Resources
12. Ahmad, A., Uyeda, J., Radovich, T., Wages, S., Silva, J., Kirk, E., **Tavares, K.**, and Sugano, J. (2020). Guava Fruit Bagging for Bird and Fruit Fly Damage Control. Sustainable and Organic Agriculture Program. *Hānai ‘Ai The Food Provider.* Volume 39: Fall 2020. University of Hawaii at Mānoa. College of Tropical Agriculture and Human Resources.
13. Uyeda, J., Tamamoto, L., Sugano, J., Silva, J., Ahmad, A., and **K. Tavares**. (2020). Evaluation of Chinese Cabbage (Won Bok) Varieties for Commercial Production in Hawaii. *Hānai ‘Ai* *The Food Provider.* Volume 37: Spring 2020. University of Hawaii at Mānoa College of Tropical Agriculture and Human Resources.
14. Ahmad, A., N.V. Hue, J. Silva, J. Uyeda, J. Sugano, T.J.K. Radovich, L. Nakamura-Tengan, S. Motomura, and **K. Tavares**. (2019). Evaluating Different Varieties and Biochar Application Rates on the Yield of Soybean. *Hānai ‘Ai* *The Food Provider*. Volume 35: Fall 2019. University of Hawaii at Mānoa College of Tropical Agriculture and Human Resources.
15. **Tavares, K.**, R. Shimabuku & R. Gutierrez-Coarite. (2019). 2019 Maui Sweet Onion Variety Trial—Short-Day Late Bulb Onions. Hānai ‘Ai The Food Provider. Volume 35: Fall 2019.
16. Ahmad, A., **Tavares,K.** & H.V. Nguyen. (2019). Biochar Application to Leafy Green Varieties on Maui. *Hānai ‘Ai* *The Food Provider*. Volume 35: Fall 2019. University of Hawaii at Mānoa College of Tropical Agriculture and Human Resources.
17. Silva, J. and **K. Tavares**. (2019) FSMA Inspections Have Begun in Hawai‘i. *Hānai ‘Ai The Food Provider.* Volume 35: Fall 2019. University of Hawaii at Mānoa College of Tropical Agriculture and Human Resources.
18. **Tavares, K.**, J. Silva, and S. Wages. On-Farm Readiness Review: A FSMA Resource for Farmers. Hānai ‘Ai Volume 33. University of Hawaii at Mānoa. College of Tropical Agriculture and Human Resources. pp. 1-3.
19. **Tavares, K**., J. Uyeda, J. Silva, S. Wages, J. Sugano, and L. Nakamura-Tengan. In-Field Irrigation Water Treatment for the Food Safety Modernization Act Produce Safety Rule. Sustainable and Organic Agriculture Program. *Hānai ‘Ai* *The Food Provider*. Volume 33. University of Hawaii at Mānoa College of Tropical Agriculture and Human Resources.
20. Uyeda, J., J. Silva, J. Sugano, L. Nakamura-Tengan, J. Zee, N. Ooki, S. Wages, **K. Wong**, K.H. Wang, T. Radovich, A. Ahmad. Evaluation of Multi-colored Carrot Varieties. (2018). Sustainable and Organic Agriculture Program. *Hānai ‘Ai* *The Food Provider*. Volume 32. University of Hawaii at Mānoa College of Tropical Agriculture and Human Resources.
21. **Wong, K.**, Motomura (Wages), S., Paull, R.E. (2018). Postharvest Handling and Food Safety – Layers of Protection. Cooperative Extension Service. University of Hawai‘i at Manoa. Retrieved from: <https://www.ctahr.hawaii.edu/oc/freepubs/pdf/FST-66.pdf>
22. Reppun, F., Silva, J.H.S., **Wong, K**., and J.L. Deenik. (2017). A Soil Phosphorus Primer for Hawaiian Soils. College of Tropical Agriculture and Human Resources, University of Hawai‘i at Mānoa, Pub. SCM-33. Honolulu, HI. pp. 1-5.
23. **Wong, K.**, J. Silva, R. Shimabuku, S. Fukuda, K. Wang, J. Uyeda, F. Reppun, S. Ching, J. Kam, and R. Mau. (2017) Comparing Physical Barriers and Organic Pesticides for Controlling Cabbage Webworm on Daikon. *Hānai ‘Ai The Food Provider*. Volume 28.
24. Nazario-Leary, C. and **K. Wong**. 2017. “Managing Your Home Garden to Reduce the Risk of Rat Lungworm Disease”. The Honolulu Star-Advertiser June 4, 2017
25. Greenwood-Junkermeier, H. and **K. Wong**. 2016. “Agriculture Business Succession is Multifaceted in Maui County”. The Maui News. September 18, 2016
26. Silva, J. and **K. Wong**. 2016. “Safe Gardening Practices to Avoid Food-Borne Illness”. The Honolulu Star-Advertiser. October 3, 2016

Creative Works (i.e., Extension Videos, Websites, Blogs, Creative Designs and Exhibitions, etc.)

* + - 1. Uyeda, J., Motomura-Wages, S., Silva, J., **Tavares, K.**, and K. Akahoshi. How to Plant Ginger in Pots. May 2020. https://vimeo.com/411187332
      2. **Tavares, K.**, L. Nakamura-Tengan & J. Uyeda. 2019. Agricultural Water Quality: Small Scale Injection Treatment Systems. UH Farm Food Safety. <https://vimeo.com/471238934>
      3. Extension Program Instagram

<http://www.instagram.com/maui_sustainableag>

* + - 1. Extension Program YouTube Channel

<https://www.youtube.com/channel/UC4nIFbfOdiZIn_sxrcNb5fQ/featured>

Leadership Roles (Committees, Boards, Advisory, etc.)

Hawai‘i Association of County Agricultural Agents, Secretary

2019-present

Epsilon Sigma Phi, Treasurer

2019-present

Kula Agricultural Park Committee, Vice Chair

2019-2020

**Grant Support**

Title of Grant: Evaluating Garlic Production in Hawai‘i County

Source of Grant: County of Hawai‘i Research & Development

Total Dollar Value: $21,200

Dates of Grant: 2021-2022

Role: PI

Title of Grant: Western Regional Center to Enhance Food Safety: Fostering Collaboration through Continued Food Safety Education and Stakeholder Support of FSMA Implementation

Source of Grant: USDA NIFA Food Safety Outreach Program

Total Dollar Value: $793,592

Dates of Grant: 2021-2024

Role: Co-PI

Title of Grant: GoFarm Hawai'i (GFH): Training New Farmers and Growing Agribusiness in Hawai'i

Source of Grant: USDA NIFA Alaska Native-Serving and Hative Hawaiian Serving Institutions of Education Competitive Grants Program

Total Dollar Value: $450,000

Dates of Grant: 2021-2023

Role: Co-PI

Title of Grant: Improving the Growth and Yield of Tomato Through New Integrated Pest Management Strategies

Source of Grant: Hawai‘i Department of Agriculture

Total Dollar Value: $40,000

Dates of Grant: 2022-2024

Role: Co-PI

Title of Grant: Research, Extension, and Education Activities to Improve Sustainable and Organic Farming in Hawaii

Source of Grant: Hawai‘i Department of Agriculture

Total Dollar Value: $99,294

Dates of Grant: 2021-2023

Title of Grant: Establishing an Avocado Orchard as Model for a Year-Round Harvest in Hawaii

Source of Grant: Hawai‘i Department of Agriculture

Total Dollar Value: $50,000

Dates of Grant: 2021-2023

Role: PI

Title of Grant: Building Hawai‘i’s Capacity for Produce Safety Education

Source of Grant: Hawai‘i Department of Agriculture

Total Dollar Value: $35,000

Dates of Grant: 2021-2023

Role: PI

Title of Grant: Extension Programming for Lāna‘i Growers

Source of Grant: Maui County Office of Economic Development

Total Dollar Value: $7,462

Dates of Grant: 2020-2021

Role: PI

Title of Grant: Effect of different insecticides against Melon fly, *Bactrocera cucurbitae* Coquillett in Maui

Source of Grant: Maui County Office of Economic Development

Total Dollar Value: $10,120

Dates of Grant: 2020-2021

Role: Co-PI

Title of Grant: Expanding the Market for Hawaiian Turmeric with High Yielding and High Curcumin Varieties

Source of Grant: Hawai‘i Department of Agriculture

Total Dollar Value: $40,000

Dates of Grant: 2019-2021

Role: Co-PI

Title of Grant: Increasing the Production of Yellow Potatoes in Hawaii

Source of Grant: Hawai‘i Department of Agriculture

Total Dollar Value: $20,000

Dates of Grant: 2019-2020

Role: Co-PI

Title of Grant: Farm Food Safety Training for Local & Immigrant Crop Producers

Source of Grant: Hawai‘i Department of Agriculture

Total Dollar Value: $20,000

Dates of Grant: 2019-2021

Role: Co-PI

Title of Grant: Selecting Green Bean and Pigeon Pea Varieties for Market Preference, Value-added Products, and Other Benefits

Source of Grant: Hawai‘i Department of Agriculture

Total Dollar Value: $40,000

Dates of Grant: 2019-2020

Role: Co-PI

Title of Grant: Food Safety Modernization Act Produce Safety Rule Readiness Outreach

Source of Grant: Hawai‘i Department of Agriculture

Total Dollar Value: $26,767

Dates of Grant: 2019-2020

Role: PI

Title of Grant: Crop Variety Trials for Specialty Crop Production on Maui

Source of Grant: CTAHR State Legislature Funding

Total Dollar Value: $13,000

Dates of Grant: 2019

Role: PI

Title of Grant: Evaluating Mechanical Harvest and Agronomical Treatments to Improve Legume Crops Growth and Yield in Hawaii

Source of Grant: Hawai‘i Department of Agriculture

Total Dollar Value: $40,000

Dates of Grant: 2018-2020

Role: Co-PI

Title of Grant: Macro-propagation Techniques for Disease Free Banana Planting Material in the Pacific

Source of Grant: Hawai‘i Department of Agriculture

Total Dollar Value: $39,557

Dates of Grant: 2018-2020

Role: Co-PI

Title of Grant: Using Sanitizers to Improve Microbial Safety of Papaya and Avocado Grown in Hawai‘i

Source of Grant: Hawai‘i Farm Bureau Federation

Total Dollar Value: $65,585

Dates of Grant: 2018-2019

Role: Co-PI

Title of Grant: Expanding Turmeric Production in Maui County

Source of Grant: Maui County Office of Economic Development

Total Dollar Value: $4,510

Dates of Grant: 2018-2019

Role: PI

Title of Grant: Maui County Coffee Grower Training on Integrated Pest Management of Coffee Berry Borer

Source of Grant: Maui County Office of Economic Development

Total Dollar Value: $9,400

Dates of Grant: 2018-2019

Role: Co-PI

Title of Grant: Food Safety Modernization Act Food Safety Training

Source of Grant: Maui County Office of Economic Development

Total Dollar Value: $7,490

Dates of Grant: 2018-2019

Role: Co-PI

Title of Grant: Evaluating Mechanical Harvest and Agronomical Treatments to Improve Legume Crops Growth and Yield in Hawai‘i

Source of Grant: Hawai‘i Department of Agriculture

Total Dollar Value: $40,000

Dates of Grant: 2018-2019

Role: Co-PI

Title of Grant: Organic Production of Bacterial Wilt Free Edible Ginger in Pots

Source of Grant: CTAHR Supplemental Funding

Total Dollar Value: $12,000

Dates of Grant: 2017-2019

Role: PI

Title of Grant: Integrated Pest Management of *Bagrada hilaris*

Source of Grant: Statewide IPM Project-USDA NIFA

Total Dollar Value: $9,600

Dates of Grant: 2017-2019

Role: PI

Title: Updated Melon Fly Resistance and Control Programs for Hawaii.

Source: Statewide IPM Project-USDA NIFA

Dollar Value: $4,600

Dates of Grant: 2017-2019

Role: Co-PI

Title of Grant: Small Farm Agricultural Water Monitoring and Treatment Multilingual Training Videos

Source of Grant: Maui County Office of Economic Development

Total Dollar Value: $7,490

Dates of Grant: 2017-2018

Role: Co-PI

Title of Grant: Investigating New, Rapid Soil Analytical Tools to Enhance Agricultural Nutrient Management in Maui County

Source of Grant: Maui County Office of Economic Development

Total Dollar Value: $12,860

Dates of Grant: 2017-2018

Role: PI

**Presentations at Conferences**

Title: Bridging the “GAP” in Farm Food Safety Requirements: Understanding FSMA, OFRR, and Third-Party Audits

Authors: Silva, J.\* & **Tavares, K.**

Conference: Hawai‘i Agriculture Conference

Location: Honolulu, HI

Date of Presentation: October 2019

Title: Bridging the “GAP” in Farm Food Safety Requirements: Understanding FSMA, OFRR, and Third-Party Audits

Authors: Silva, J.\* & **Tavares, K.**

Conference: Hawai‘i Agriculture Conference

Location: Honolulu, HI

Date of Presentation: October 2019

Title: GET (Grow Eat Think) Local Initiative

Authors: Ooki, N.\*, Nakamura-Tengan, L., Zee, J., **Tavares, K.**, Uyeda, J., Wages, S., Silva, J., Akahoshi, K., Sugano, J., Caires, K., and Ahmad, A.

Conference: Hawai‘i Agriculture Conference

Location: Honolulu, HI

Date of Presentation: October 2019

Title: AgGAPtation: CTAHR’s Role in Supporting Hawai‘i’s Agricultural Food Safety Needs

Authors: **Tavares, K.\***, Motomura-Wages, S., Uyeda, J., Silva, J., and E. Kirk

Conference: Hawai‘i Agriculture Conference

Location: Honolulu, HI

Date of Presentation: October 2019

Title: Comparison of Organic Fertilizers to Produce Ginger (*Zingiber officionale*) in Pots (Poster Presentation)

Authors: \*Motomura, S., **Tavares, K.**, Silva, J., Uyeda, J.

Conference: American Society for Horticultural Science Annual Conference

Location: Las Vegas, NV

Date of Presentation: July 2019

Title: Yield and Quality of Turmeric and Related Germplasm on Maui (Poster Presentation)

Authors: \***Tavares, K**., Radovich, T., Bingham, J., Calpito, J., Ahmad, A., Kirk, E., Teves, G., Motomura, S., Silva, J., Uyeda, J., Sugano, J. & Nakamura-Tengan, L.

Conference: American Society for Horticultural Science Annual Conference

Location: Las Vegas, NV

Date of Presentation: July 2019

Title: The Effect of Biochar Application on Soil Health and Legume Crop’s Growth and Yield in Hawaii. (Poster Presentation)

Authors: \*Ahmad, A., Nguyen, H., Radovich, T., Wang, K., Sugano, J., Uyeda, J., Motomura, S., Silva, J. & **Tavares, K.**

Conference: American Society for Horticultural Science Annual Conference

Location: Las Vegas, NV

Date of Presentation: July 2019

Title: Evaluation of New Taro Varieties Resistant to Taro Leaf Blight in Hawai‘i

Authors: Gutierrez-Coarite, R.\*, Shimabuku, R., **Tavares, K.**, Nakamura-Tengan, L., Keach, J. & Miyasaka, S.

Conference: American Society for Horticultural Science Annual Conference

Location: Las Vegas, NV

Date of Presentation: July 2019

Title: Screenhouse Systems in the Tropics: Organic Integrated Pest Management

Authors: Sugano, J., Wang, K.H., Uyeda, J., Silva, J., **Tavares, K.**, Radovich, T. & Spinelli, G.

Conference: Pacific Branch Meeting of the Entomological Society of America

Location: San Diego, CA

Date of Presentation: April 2019

Title: Small Farm Agricultural Water Monitoring and Treatment Multilingual Training Videos

Authors: **Wong, K.**\*, Nakamura-Tengan, L., Uyeda, J., Silva, J., Motomura, S., Castro, L., I.

Conference: American Society for Horticultural Science Annual Conference

Location: Las Vegas, NV

Date of Presentation: March 2018

Title: Farm Food Safety: a critical tool to access new markets and maintain food quality

Authors: Silva, J.\* & **Wong, K.**

Conference: Hawai‘i Agriculture Conference

Location: Honolulu, HI

Date of Presentation: October 2017