

Jennifer A. Hawkins

Junior Extension Agent (A2)

University of Hawai‘i at Mānoa College of Tropical Agriculture and Human Resources

Department of Tropical Plant and Soil Sciences

FTE Distribution: 0% I; 0% R; 100% E

EDUCATION

University

BS in Animal Science (1996). Arkansas State University, Jonesboro, Arkansas

Applicable Certifications

Hawaii Pesticide Applicator Category 10 License – 2019-2024

Produce Safety Alliance Train the Trainer – 2018-present

On Farm Readiness Review - 2019

PROFESSIONAL APPOINTMENTS

<u>Title</u>	<u>Employer</u>	<u>Dates</u>
Jr. Extension Agent-Edible Crops (tenure track)	University of Hawaii	2019-Present
Jr. Extension Agent-DHHL (soft funded, non-tenure)	University of Hawaii	2017-2019
Small Business Specialist	County of Maui-OED	2013-2017
Jr. Extension Agent -DHHL (soft funded, grant ended)	University of Hawaii	2011-2013
Extension Agent II-Agriculture	University of Arkansas CE	1996-2011

SCHOLARLY ACTIVITIES

Work represents activities since 2019 hire into A2 position

Journal Articles, peer-reviewed

Stockton, D.G., Kraft, L., Dombrowski, P., Doucette, L., Bosch, M., Gutierrez-Coarite, R., Manandhar, R., Uyeda, J., Silva, J., **Hawkins, J.** & Shikano, I. (2024), Persistence of widespread moderate Spinosad resistance among wild melon fly (*Zeugodacus cucurbitae*) and oriental fruit fly (*Bactrocera dorsalis*) populations on the major Hawaiian Islands. *Pest Manag Sci.* <https://doi.org/10.1002/ps.8279>

Paudel, R., Bartlett, B., Zamora, C.M., Keach, J.E., Gutierrez-Coarite, R., **Hawkins, J.**, Ahmad, A., Motomura-Wages, S., Kirk, E.R., Lamour, K.H., Bernabe, C., Shintaku, M., & Miyasaka, S.C. (2022). Breeding and selection of Taro (*Colocasia esculenta*) for improved disease-resistance in Hawai‘i. *Plants, People, Planet.* 2023; 5:123-145. <http://nph.onlinelibrary.wiley.com/doi/10.1002/ppp3.10335>.

Conference Presentations, National/peer-reviewed

Greenwood, H., **Hawkins, J.**, Marielle, M., Cristobal, H. (2024, June 11). 'Ohana Garden & Grindz: An Intergenerational Approach to Engaging Youth and Families in the Garden and the Kitchen. National Children & Youth Garden Symposium, Annual National Symposium. American Horticultural Society. Chicago, IL.

Extension Publications [peer reviewed through official protocol/process]

Hawkins J. & Spearman, T. (2024, Jan.-March) Feature Farmer: Barking Deer Farm- Tocatta Spearman. Hānai‘Ai. University of Hawai‘i at Mānoa. Honolulu, HI. Volume 53.
<https://gms.ctahr.hawaii.edu/gs/handler/getmedia.ashx?moid=73206&dt=3&g=12>
[Article]

Ahmad, A., Radovich, T., Uyeda, J., Motomura, S., Kirk, E., Silva, J., Tavares, K., Gutierrez-Coarite, R., **Hawkins, J.**, & Sugano, J. (2022, Feb-Mar). Intercropping: A Sustainable Strategy for Hawaii’s Small Farm Holders. Hānai‘Ai. University of Hawai‘i at Mānoa. Honolulu, HI. Volume 45.
<https://gms.ctahr.hawaii.edu/gs/handler/getmedia.ashx?moid=71128&dt=3&g=12>
[Article]

Silva, J., Tavares, K., **Hawkins, J.** & Kirk, E. (2022, Jan-Mar). Sound Cannons for Bird Deterrence: Regulations and Noise Complaints. Hānai‘Ai. University of Hawai‘i at Mānoa. Honolulu, HI. Volume 45.
<https://gms.ctahr.hawaii.edu/gs/handler/getmedia.ashx?moid=71125&dt=3&g=12>
[Article]

Hawkins. J. & Bradish, C. (2022, Jan-Mar). Feature Farmer: Pualei Farm- Donna and Jason Gamiao. Hānai‘Ai. University of Hawai‘i at Mānoa. Honolulu, HI. Volume 45.
<https://gms.ctahr.hawaii.edu/gs/handler/getmedia.ashx?moid=71130&dt=3&g=12>
[Article]

Hawkins, J. (2021, Fall). Intergenerational Approach to Gardening: Growing TOGETHER. CTAHR Connections Alumni Newsletter, Development Corner. Issue 13.
<https://mailchi.mp/ctahr/ctahr-connections-november-2020-newsletter-10136725>
[Article]

Lech, B. & **Hawkins, J.** (2021, Aug-Oct). Feature Farmer: Moloka‘i’s Pu‘u O Hoku Ranch. Hānai‘Ai. University of Hawai‘i at Mānoa. Honolulu, HI. Volume 43.
<https://gms.ctahr.hawaii.edu/gs/handler/getmedia.ashx?moid=69161&dt=3&g=12>
[Article]

Silva, J., Uyeda, J., Tavares, K., **Hawkins, J.**, Wages, S., Akahoshi, K., & Kirk, E. (2020, March). COVID-19 Farm Food Safety Reminders. University of Hawai‘i at Mānoa. Honolulu, HI. https://manoa.hawaii.edu/ctahr/farmfoodsafety/wp-content/uploads/2020/04/COVID-19-Farm-Food-Safety-03232020_RevSMW.pdf
[Extension Factsheet]

Hawkins, J. (2020, July). Garden to Farm: Creating the Next Generation of Skilled Agriculture Workers. CTAHR Cooperative Extension Impact Statement.
<https://gms.ctahr.hawaii.edu/gs/handler/getmedia.ashx?moid=67138&dt=3&g=12>
[Extension Impact Statement]

Arakaki, A. S., **Hawkins, J.**, & Radovich, T. (May 2013). Farming with Bees: The Synchronization of Pollinator Plantings to Increase Production of Cucurbit Crops. UH CTAHR Tropical Plant and Soil Science (TPSS) Sustainable Agriculture Publication SA-6. <https://www.ctahr.hawaii.edu/oc/freepubs/pdf/SA-6.pdf> [Extension Factsheet]

Extension Publications, undergoing final steps of peer review process

Hawkins, J. (2024). G.E.T. Local: Herbs & Spices Series. University of Hawai'i at Mānoa. Honolulu, HI. [Poster]

Hawkins, J. (2024). G.E.T. Local: Rosemary. University of Hawai'i at Mānoa. Honolulu, HI. [Poster]

Hawkins, J. (2024). G.E.T. Local: Basil. University of Hawai'i at Mānoa. Honolulu, HI. [Poster]

Hawkins, J. (2024). G.E.T. Local: Roselle. University of Hawai'i at Mānoa. Honolulu, HI. [Poster]

Hawkins, J. (2024). G.E.T. Local: Ginger. University of Hawai'i at Mānoa. Honolulu, HI. [Poster]

Hawkins, J. (2024). G.E.T. Local: Lemongrass. University of Hawai'i at Mānoa. Honolulu, HI. [Poster]

Extension Materials

Greenwood, H., Hawkins, J., & Vingelen, D. (2024/25). Sage Heart: Growing and Using Fresh Culinary Herbs as a Dietary and Lifestyle Approach to Health for Middle Age and Older Adults in Maui County. University of Hawai'i at Mānoa. Honolulu, HI. [Extension curriculum]

Greenwood, H., **Hawkins, J.**, Kirk, E., Keach, J., Cristobal, H., Hampton, M., Akahoshi, K., & Ooki, N. (2024). 'Ohana Garden & Grindz: Hybrid family-based garden to table program, 3rd Edition. University of Hawai'i at Mānoa. Honolulu, HI. https://drive.google.com/drive/folders/1_Cs2W-A9JdQS_8dxhmQiFa70wBKaeE?usp=sharing. [Extension curriculum]

Greenwood, H. & **Hawkins, J.** (2023, March). Grow your own herbs: Adding flavor to food without salt and sugar. Maui News. <https://www.mauinews.com/news/community-news/2023/03/grow-your-own-herbs-adding-flavor-to-food-without-salt-and-sugar/> [Newspaper article]

Greenwood, H., & **Hawkins, J.** (2022, June). Ohana Garden & Grindz is Growing. The Molokai Dispatch. <https://themolokaidispatch.com/ohana-garden-and-grindz-is-growing/> [Newspaper article]

Greenwood, H., **Hawkins, J.**, Kirk, E., Keach, J., Cristobal, H., Hampton, M., Akahoshi, K., & Ooki, N. (2022). 'Ohana Garden & Grindz: Virtual family-based garden to table program, 2nd Edition. University of Hawai'i at Mānoa. Honolulu, HI.
https://drive.google.com/drive/folders/1ei-wQsDy83_CYvW8GNOL9GpBrXcUCKTN?usp=sharing [Teaching curriculum]

Greenwood, H. & **Hawkins, J.** (2020-2022). 'Ohana Garden & Grindz Google Classroom
Content: Example classroom accessed at:
<https://classroom.google.com/c/NzA0MjM4NzYxNzU1?cjc=cbi5yrz>
[8 Google classroom cohorts: November 2022, September 2022, April 2022, July 2021, May 2021, March 2021, Oct-Nov 2020, September 2020]

Hawkins, J. (2020-2021). Garden to Farm (G2F). 2021:
<https://classroom.google.com/c/MjUyMzAzNzY2MDE4> [Google classroom, Cohorts 3-4]

Hawkins, J., Joy, M., & Ma'e, I. (2021, April). Building a Deer Fence. Garden 2 Farm. April 2021. <https://www.youtube.com/watch?v=6Ll6PUWt29U> [Extension video]

Hawkins, J., Pastrana, J., Levin, P., Arakaki, A. (2020). Traditional Native Hawaiian Farming with Modern-Day Business Planning.
https://www.ekupakukaaina.org/files/ugd/1a7128_986188199cac4d419996feebf4e80c2f.pdf [Website resource]

Greenwood, H. & **Hawkins, J.** (2020, November). Make gardening an intergenerational affair. Maui News, Aging Matters Column.
<https://www.mauinews.com/news/community-news/2020/11/make-gardening-an-intergenerational-affair/> [Newspaper article]

Hawkins, J. (2020, November). Papaya Producers Project. November 2020.
<https://classroom.google.com/c/MjMxNTY1NTc0NDQ0> [Google classroom]

Hawkins, J. (2020). Farm Tour: Beet Harvest.
2020. https://drive.google.com/file/d/1rtSerXSo6Qif86Z5XG0ncRHTc_8ncF1L/view
[Extension video]

Tavares, K., **Hawkins, J.** (2020). Produce Safety: Washing produce (Beets). <https://drive.google.com/file/d/1svOKiCBRtNKVkcqU-DKyFnsSZ3N38FE/view> [Extension video]

Greenwood, H., & **Hawkins, J.** (2020). Gardens & Grindz: An intergenerational approach to developing gardening and culinary skills to improve health, 1st Edition. University of Hawai'i at Mānoa. Honolulu, HI.
<https://drive.google.com/drive/folders/1r6ruKATiCvGi8rGe96bsvpaE9SVkl-6a?usp=sharing> [Extension curriculum]

EXTENSION EDUCATION

Extension Workshops, Trainings, Field Days, etc.

Ahmad, A., Radovich, T., **Hawkins, J.**, & Meaney, S. (2025, April 22). Banana Production & Banana Bunchy Top Virus Workshop. Ho‘olehua, HI. [Workshop]

Ahmad, A., Radovich, T., **Hawkins, J.**, & Meaney, S. (2025, April 22). Basics of Growing Soilless Ginger Workshop. Ho‘olehua, HI. [Workshop]

Hawkins, J. (2025, March 20). Growing Turmeric Workshop. Ho‘olehua, HI. [Workshop]

Hawkins, J. (2025, March 20). Growing Turmeric Workshop. Kaunakakai (Waialua), HI. [Workshop]

Greenwood, H. & **Hawkins, J.**, (2025, March 13). Sage Heart: Growing and Using Fresh Culinary Herbs as a Dietary and Lifestyle Approach to Health for Middle Age and Older Adults Workshop- Molokai CoHort 3. Ho‘olehua, HI. [Workshop]

Greenwood, H., **Hawkins, J.**, & Cacpal, K. (2025, March 12). Sage Heart: Growing and Using Fresh Culinary Herbs as a Dietary and Lifestyle Approach to Health for Middle Age and Older Adults Workshop- Molokai CoHort 2 Workshop 2. Kaunakakai (Kalamaula), HI. [Workshop]

Greenwood, H., **Hawkins, J.**, & Franks, K. (2025, March 12). Sage Heart: Growing and Using Fresh Culinary Herbs as a Dietary and Lifestyle Approach to Health for Middle Age and Older Adults Workshop- Molokai CoHort 1 Workshop 2. Kaunakakai (Waialua), HI. [Workshop]

Greenwood, H., **Hawkins, J.**, & Cacpal, K. (2025, February 12). Sage Heart: Growing and Using Fresh Culinary Herbs as a Dietary and Lifestyle Approach to Health for Middle Age and Older Adults Workshop- Molokai CoHort 2 Workshop 1. Kaunakakai (Kalamaula), HI. [Workshop]

Greenwood, H. & **Hawkins, J.**, (2025, February 12). Sage Heart: Growing and Using Fresh Culinary Herbs as a Dietary and Lifestyle Approach to Health for Middle Age and Older Adults Workshop- Molokai CoHort 1 Workshop 1. Kaunakakai (Waialua), HI. [Workshop]

Hawkins, J. (2025, March 5). Molokai Cooperative Extension Agriculture Program. ZOOM (On-line). Hawaii Agriculture Training and Technical Assistance Network. [Guest Presentation]

Wages, S., Uyeda, J., Hawkins, J., Radovich, T., Ahmad, A., Kirk, E., Gutierrez- Coarite, R., & Collier, E. (2024, October 25). Molokai Farmer Resource Fair w/ Western SARE. Kaunakakai, HI. [Educational Resource Event]

- Wagner, A. & **Hawkins, J.** (2024, Aug 1). Ant Management Workshop. Ho‘olehua, HI. [Workshop]
- Ahmad, A., **Hawkins, J.**, & Franks, K. (2024, July 29). Banana Production & Banana Bunchy Top Virus Workshop. Ho‘olehua, HI. [Workshop]
- Roberson, T., Weber, J., Franks, K., & ***Hawkins, J.** BioChar Field Day. (2024, June 29). Ho‘olehua, HI. [Field Day]
- Ooki, N., **Hawkins, J.**, Lutgen, H., Cacpal, K., Franks, K., Reeves, C., Jamison, J., Gutierrez-Coarite, R., Greenwood, H., PONO: Prepare Our Neighbors and ‘Ohana (NIFA Rapid Response Workshop series, Maui County) (2024). Disaster Preparedness. [Workshops: July 2024, July 2024]
- Franks, K. & **Hawkins, J.** (2024, June 20). Sweet Potato Production. Ho‘olehua, HI. [Workshop]
- Hawkins, J.** & Franks, K. (2024, June 6). Rosemary Production. Ho‘olehua, HI. [Workshop]
- Hawkins, J.**, Cacpal, K., & Franks, K. (2024, May 9). Seed Ginger Production. Ho‘olehua, HI. [Workshop]
- Radovich, T., Franks, K., Cacpal, K., & **Hawkins, J.** (2024, April 25). Turmeric Production. Ho‘olehua, HI. [Workshop]
- Hawkins, J.** & Cacpal, K. (2024, April 15). Fruit Fly ID, Control, and Trap Making. Ho‘olehua, HI. [Workshop]
- Sansone, D., Franks, K., **Hawkins, J.**, & Cacpal, K. (2024, March 7). Biofertilizer. Ho‘olehua, HI. [Workshop]
- Franks, K., **Hawkins, J.**, & Cacpal, K. (2024, Jan-April). Molokai Food Forest 10-week Extension Program-Cohort 1. Ho‘olehua, HI. [Workshop Series]
- Franks, K., **Hawkins, J.** (2023, October). Green Onion Production. Ho‘olehua, HI. [Workshop]
- Hawkins, J.** (2023, October). Herbs & Spices as a niche market: Roselle. Ho‘olehua, HI. [Workshop]
- Hawkins, J.**, Franks, K., Teves, G., and Cacpal, K. (2023, September) Irrigation Part 1 & 2. Ho‘olehua, HI. [Workshop]
- Hawkins, J.**, Franks, K., and Teves, G. (2023, Aug-Sept). Plant Health Series. [Virtual Workshop series]
- Workshop #1: Insect Identification & Control. (On-line). Ho‘olehua, HI. August 2023.
 - Workshop #2: Diseases and Deficiencies. (On-line). Ho‘olehua, HI. September 2023.
- Hawkins, J.**, Ward, K., and Cacpal, K. (2023, April). Herbs and Spices as a potential niche market for Molokai farmers and market gardeners. [Training series]
- *Introduction to Herbs and Spices. Molokai High School. April 2023.

- How to make Turmeric Powder and Turmeric Paste. Molokai High School. April 2023.
- Making Herb Butter. Molokai High School. May 2023.
- Product Development & Presentations. Molokai High School. May 2023.
- Product Debut & Sampling. Molokai High School. May 2023.
- Introduction to Herbs and Spices. Molokai High School. September 2023.
- Compounding Butter. Molokai High School. September 2023.

Hawkins, J., Franks, K., Teves, G., and Cacpal, K. (2023, Mar-May). Innovative Solutions for Soil Health: Compost Series + Blue Bucket Challenge. Ho‘olehua, HI. [Workshop series]

Hawkins, J., Franks, K., Teves, G., and Cacpal, K. (2023, Feb-Mar). Innovative Solutions for Soil Health Workshop 3 Part Series. Ho‘olehua, HI. [Workshop series]

Hawkins, J. (2022, Nov 18, Dec 2, Dec 21). Maui County Kupuna Gardening. [Virtual workshop series]

- Starting your own seeds- November 18, 2022
- Transplanting vegetable starts- December 2, 2022
- Preparing for Harvesting- December 21, 2022

Wong, D., **Hawkins, J.,** Napoleon, L., and Ronzello, J. (2022, Sept 15). Molokai Food to Grow Program. Mana‘e, HI. [Workshop]

***Hawkins, J.** and Mangano, A. (2022, Sept 24). Healthy Living Workshop. Aina Pula Pula. Ho‘olehua, HI. [Workshop]

Teves, G. and **Hawkins, J.** (2022, Sept 20). Seed Stewards Introductory Workshop (Train-the-Trainer). Ho‘olehua, HI. [Train-the-Trainer workshop]

Uyeda, J. and **Hawkins, J.** (2022, Aug 29). Avocado Lace Bug Workshop. Ho‘olehua, HI. [Workshop]

*Arce, K. and **Hawkins, J.** (2022, Aug 23). Maui County Department of Ag Priority Meeting. Ho‘olehua, HI. [Facilitated needs assessment mtg]

Hawkins, J., Teves, G., and Hampton, M. (2022, July-Sept). LIVE @ Lunch with Jennifer [Virtual workshop series]

- Introduction to Herbs (Jennifer). July 26, 2022
- Introduction to Seed Saving (Jennifer/Glenn). August 2, 2022.
- More on Seed Saving (Glenn). August 9, 2022.
- Herbs, Spices and Compounding Butter (Jennifer/Marielle). August 16, 2022.
- Herbs, Spices, and Tea (Jennifer/Marielle). August 23, 2022.
- Introduction to Soil Health (Jennifer). September 6, 2022.
- Cooking with Herbs (Marielle). September 13, 2022.

Hawkins, J., Ronzello, J., Shimizu, E., Yamamoto, J. (2022, June-Aug). Molokai Ag Business Summer Series. Project Partners: Sustainable Molokai, CTAHR-Molokai Cooperative Extension, GoFARM Hawaii. Ho‘olehua, HI.

- Ag Business Record Keeping. June 30, 2022.
- Ag Business Marketing. July 2022.
- Financial Resources and Grant Opportunities. July 2022.

- Ag Technologies/Equipment Field Day. August 18, 2022.
- ***Hawkins, J.** and Tuipulotu, F. (2022, June 11). FEAST Soil Training. Molokai Middle School Uplink Summer Program. Ho‘olehua, HI. [Workshop]
- ***Hawkins, J.** and Kelley, D. (2022, Apr 28). Vermicomposting for Molokai-Lanai Soil and Water District. Mahana Nursery. [Workshop]
- ***Hawkins, J.** (2022, Apr 25). How to collect a Soil Sample Training. Keawanui Farm Staff. Mana’e, HI. [Workshop]
- Wong, D., **Hawkins, J.**, Napoleon, L., and Ronzello, J. (2022, Mar 17). Molokai Food to Grow Program. Maunaloa, HI. [Workshop]
- ***Hawkins, J.**, (2022, Mar 3 & Mar 24) Oshiro, M., and Jha, R. Sustainable Molokai Poultry Workshop: Feed Options. Feeds and Feeding for Poultry. [Virtual workshop series]
- ***Hawkins, J.** (2021, Dec 13). Vermicomposting: How to Harvest Castings. Kualapuu Charter School. Kualapuu, HI. [Workshop]
- Hawkins, J.** (2021, May 5). Molokai Hawaiian Variety Huli. MARDF. [Variety trial distribution]
- Hawkins, J.** (2021, Apr 15) Virtual Statewide Taro Field Day. Molokai, HI [Virtual field day]
- Hawkins, J.**, Levin, P., Pastrana, J., Radovich, T., and Arakaki, A. (2020-2021). Lunar Response in Kalo / Taro Growers [Virtual Workshop Series]
 - Soil Health: Organic Matter is the Key. November 18, 2020.
 - Taro Health & Huli Prep. December 2, 2020.
 - Taro Field Prep. Statewide. January 27, 2020.
 - Lunar Calendar & Kilo. Statewide. February 24, 2021.
- Tavares, K., Uyeda, J., & **Hawkins, J.** (2019, Dec 10). Farm Food Safety Irrigation Water Sanitation Demonstration. Ho‘olehua, HI. [Demonstration]
- Ooki, N. and **Hawkins, J.** (2019, Sept 5-7). Agduino Programming Camp. Molokai Cooperative Extension. Ho‘olehua, HI. [4-H Youth Day Camp]
- Hawkins, J.**, Levin, P., Arakaki, A., Pastrana, J., Tuipulotu, F., & Manango A. (2019, Aug 19). Molokai Annual Taro Field Day. Ho‘olehua, HI. [Field day]
- Ooki, N., Silva, J., Tavares, K., Uyeda, J., ***Hawkins, J.** (2019, Jun 18-28). Agduino Programming Camp. Molokai Cooperative Extension. Ho‘olehua, HI. [4-H Youth Day Camp]
- Hawkins, J.** (2019, Jun 16) Fruit Fly Management Workshop. Ho‘olehua, HI. [Workshop]
- Hawkins, J.** (2019, June 1) Field Demonstration on the Economic Feasibility of Utilizing Direct/Precision Seeding Methods in Vegetable Production on Molokai. Maui Ag Fest. Kahului, HI. [Field Day]

Cho, A. & **Hawkins, J.** (2019, May 3). Beginner Avocado Grafting Workshop. Ho‘olehua, HI.
[Workshop]

Hawkins, J. (2019, Mar 13-20). Dragon Fruit 2-Part Workshop [Workshop series]

- Production. Ho‘olehua, HI. March 13, 2019.
- Pruning & Propagation. Kuulei’s Mahiai- Ho‘olehua, HI. March 20, 2019.

(Note: * indicates invited presentation)

FUNDING

Extramural Funded Grants as PI: \$57,508

Hawkins, J., Franks, K., and Cacpal, K. Planting for Tomorrow: Keeping the Tradition ALIVE through HEALTHY Huli Education and Production. (Awarded 2023, Funded 2024).
Funder: Maui County Department of Agriculture. PI: \$19,306

Hawkins, J. Herbs and Spices as a potential Niche Market for Molokai Farmers and Market Gardeners. (Awarded 2022, Funded 2023-2024). Funder: Maui County Office of Economic Development. PI: \$9,432

Hawkins, J., Franks, K., Teves, G., and Cacpal, K. (Awarded 2021, Funded 2022-2023).
Innovative Solutions to Increase Soil Health for Molokai Farmers. Funder: Maui County Office of Economic Development. PI: \$12,156

Hawkins, J. (Awarded 2019, Funded 2020-2021) Evaluating the Feasibility of Biodegradable Farm Inputs in Tropical Ag. Funder: Maui County Office of Economic Development. PI: \$5,214

Hawkins, J. and Teves, G. (Awarded 2019, Funded 2020-2021). Creating a Competitive Edge in Organic Papaya Production Through the Implementation of Best Management Practices on Molokai. Funded by Maui County Office of Economic. PI: \$6,000

Hawkins, J. (Awarded 2018, Funded 2019-2020). Field Demonstration on the Economic Feasibility of Utilizing Direct/Precision Seeding Methods in Vegetable Production on Molokai. Funder: Maui County Office of Economic Development. PI: \$5,400

Extramural Funded Grants as Co-PI: \$1,854,154

Franks, K., **Hawkins, J.**, and Cacpal, K. (Awarded 2024, Funded 2025). Rooted in Resilience: Building Healthy Communities Through Gardening. Funder: Maui County Department of Agriculture. Co-PI: \$27,830

Ooki, N., Greenwood, H., Gutierrez-Coarite, R., Lutgen, H., Jamison, J., **Hawkins, J.**, Cacpal, K., and Franks, K. (Awarded 2023, Funded 2024-2025). Empowering Maui County in the Wake of Natural Disaster: Building a Foundation for Community Action Through Education. Funder USDA/NIFA/AFRI: Rapid Response. Co-PI: \$101,001

Greenwood, H., **Hawkins, J.**, and Vingelen, D. (Awarded 2023, Funded 2024). Sage Heart:

Growing and Using Fresh Culinary Herbs as a Dietary and Lifestyle Approach to Health for Middle Age and Older Adults in Maui County. Funder: Maui County Department of Agriculture. Co-PI: \$29,185

Greenwood, H., **Hawkins, J.**, and Ooki, N. (Awarded 2022, Funded 2021-2022). Agriculture Education as a Tool to Address COVID-19 Food Insecurity of Molokai's Families. Funder: Maui County Office of Economic Development. Co-PI: \$14,916

Yamamoto, J., Ediger, L., Teves, G., Silva, J., Gutierrez-Coarite, R., **Hawkins, J.**, Ahmad, A., Motomura-Wages, S., Kirk, E., Akahoshi, K., Tavares, K., Lincoln, N., and Uyeda, J. (Awarded 2022, Funded 2022-2025). GoFarm Hawaii (GFH): Growing Hawaii's Agricultural Workforce and Industry. Funder: USDA/NIFA. Co-PI. \$440,984

Greenwood, H., **Hawkins, J.**, Ooki, N., and Gutierrez-Coarite, R. (Awarded 2021, Funded 2022-2023). Multigenerational Gardening Education as a Strategy to Address Self-Sufficiency for Households in Hana, Lanai City, and Kula. Funded by Maui County Office of Economic Development. Co-PI: \$19,467

Greenwood, H., **Hawkins, J.**, Hampton, M., Cristobal, H., Eng, S., Keach, J., Kirk, E., Akahoshi, K., Ooki, N. (Awarded: 2021, Funded: 2021-2024). 'Ohana Garden & Grindz: Addressing the spread of SARS-Cov-2 Utilizing A Virtual Family-Based Agriculture Education Aimed at Reducing Food Insecurity. Funder: USDA/NIFA/Rural Health and Safety Education. Co-PI: \$350,000

Yamamoto, J., Ediger, L., Teves, G., Silva, J., Jamison, K., Gutierrez-Coarites, R., **Hawkins, J.**, Ahmad, A., Motomura-Wages, S., Kirk, E., Akahoshi, K., Sand, S., & Tavares, K. (Awarded 2021, Funded: 2021-2023). Go Farm Hawaii (GFH): Training New Farmers and Growing Agribusiness in Hawaii. Funder: USDA/NIFA. Co-PI. \$450,000

Tavares, K., Wages, S., Silva, J., Uyeda, J., Kirk, E., and **Hawkins, J.** (Awarded 2021, Funded 2021-2022). Building Hawaii's Capacity for Produce Safety Education. Funder: HDOA Co-PI: \$35,000

Silva, J., Wages, S., Tavares, K., **Hawkins, J.**, and Kirk, E. (Awarded 2020, Funded 2021). Food Safety Modernization Act Produce Safety Rule Outreach and Education for FY 2021. Funder: Hawaii Department of Agriculture. Co-PI. \$55,770

Wages, S., Akahoshi, K., **Hawkins, J.**, Kirk, E., Silva, J., Tavares, K., and Uyeda, J. Farm Food Safety Training for Local and Immigrant Crop Producers in Hawaii. (Awarded 2020, Funded 2020-2023). Funder: USDA/NIFA. Co-PI. \$200,000

Sand, S., Kawabata, A.M., Wages, S., Uyeda, J., **Hawkins, J.**, Tavares, K., Silva, J., Akahoshi, K., Kirk, E., and Nakamoto, S.T. (Awarded 2020, Funded 2021-2022). Building Capacity to Educate and Develop Awareness of Risk Management and Crop Insurance Among Hawaii's Underserved Producers. Funder: Washington State University. Co-PI. \$55,000

Wang, K., Silva, J., and **Hawkins, J.** (Awarded 2019, Funded 2019-2022). Finding New Friends for Sunn Hemp to Revitalize Degraded Soil in the Tropic. Funder: Natural Resources and

Conservation Service. Co-PI. \$75,000

Intramural Funded Projects (PI: \$18,500; Co-PI: \$110,000)

Keach, J., Kirk, E. Ahmad, A., Silva, J., Ooki, N., Jamison, J., **Hawkins, J.**, Hampton, M., & Settlage, B. (Awarded 2023, Funded 2023-2028). Seeds for Hawaii: Growing Local Seed Saving Education and Capacity (Statewide POW). Funder: CTAHR, Supplemental Funding. Co-PI: \$50,000

Silva, J., Tavares, K., Uyeda, J., Wages, S., Kirk, E., Mandanhar, R., **Hawkins, J.**, and Nakamura-Tengan, L. (Awarded 2019, Funded 2019-2022). The Pacific Food Safety Center: Supporting Small, Disadvantaged Farmers to Comply with Food Safety Requirements. Funder: CTAHR, Supplemental Funding. Co-PI. \$60,000

Hawkins, J. (Awarded 2020, Funded 2020-2025). Molokai Edible Crops Program. Individual Plan of Work #21-005. PI: \$3,000

Hawkins, J. (Awarded 2020, Funded 2020-2025). Molokai Applied Research and Demonstration Farm. Individual Plan of Work #21-003. PI: \$9,000

Hawkins, J. (Awarded 2019, Funded 2019-2020). Molokai Edible Crops Program. Individual Plan of Work #21-005. PI: \$1,500

Hawkins, J. (Awarded 2019, Funded 2019-2020). Molokai Applied Research and Demonstration Farm. Individual Plan of Work #21-003. PI: \$5,000

SERVICE

University Service

- Chair, Search Committee. (2025). Assistant Extension Agent, CTAHR, Agriculture Production and Farm Management, Molokai. Position #85531.
- Search Committee Member. (2025). Assistant Extension Agent, CTAHR, Water Quality. Maui.
- Search Committee Member. (2025). UHMC Molokai Farm Manager/Workforce Development Coordinator, UHMC, Molokai.
- Member. UHMC Molokai Farm Visioning Working Group. (2024-2025)
- Advisor. (2014-Present). UH Maui College Molokai Education Center Advisory Committee.
- Interim Office Manager. (2019-2024)
- CTAHR Molokai Applied Research and Demonstration Farm Manager (2018-2024)
- Mentor. (2020-Present). Molokai DHHL Jr Extension Agent, Molokai Farm to School Jr Extension Agent, Ag Tech Casual Hires (2), and Operations Manager (1).
- Search committee member. (2022). Junior Extension Agent, CTAHR/Department of Hawaiian Homelands, Molokai. Position #820490T. (Hired)
- Search Committee Member. (2021-2022) Junior Extension Agent, “GET Local” - Farm to School Coordinator, Molokai. Position #85058T. (Hired)

- Chair, Search Committee. (2020). Junior Extension Agent, CTAHR/Department of Hawaiian Homelands, Molokai. Position #820490T. (Hired)
- Chair, Search Committee. (2020). Maui County Urban Horticulture Extension Agent-Maui #84075. Search committee dissolved immediately before final interviews (COVID hiring freeze).
- Search Committee Member. (2020). Junior Extension Agent, “GET Local” - Farm to School Coordinator. Molokai. Position #85058T. (Hired)

Professional Service

- Member. (2025) Molokai Food Collective Planning Committee.
- Advisor. (2023-present). GoFarm Statewide Advisory Panel.
- Member. (2019-present). Molokai-Lanai Soil and Water Commission Deer Working Group.
- Member. (2019-2022). Sustainable Molokai Internship Program Selection Committee.
- Member. (2019-2020). Ho’opili Na Mahi’ai Farmer’s Gathering” Planning Committee focused on Farm Food Safety.
- Member. (2014-2020). County of Maui Office of Economic Development Molokai Food Safety Program Planning Committee.
- Advisor. (2020). Liliuokalani Trust (LT) Molokai 30-year Plan Advisory Group.
- Ex-Officio. (2019). Makakuoha Cooperative Board.

Community Service [Leadership Roles]

- Advisor. (2017-Present). Molokai High School CTE Program Advisory Council.
- Member. (2013-Present). Molokai-Maui Invasive Species Committee (MoMISC).
- Member. (2021). Molokai Cacao Association.
- Member. (2014-2020). County of Maui Office of Economic Development Molokai Food Safety Program Planning Committee.
- Member. (2020). Hui Ho’oku’ikahi Aloha Committee.
- Member. (2020). Growing Food, Farmers, and Healthy Families Committee.
- Member. (2020). Molokai Emergency Food Planning Committee.
- Advisor. (2020). Liliuokalani Trust (LT) Molokai 30-year Plan Advisory Group.
- Member. (2019-2020). Molokai-Lanai Soil and Water Commission Deer Working Group.
- Member. (2019-2020). Ho’opili Na Mahi’ai Farmer’s Gathering” Planning Committee focused on Farm Food Safety.
- Member. (2019-2020). Sustainable Molokai Internship Program Selection Committee.
- Ex-Officio Member. (2019). Makakuoha Cooperative Board.
- Judge. (2017-2020). Molokai Middle School Science Fair.
- Committee Chair. (2017-2019). Molokai Business Conference Planning Committee.
- Advisor. (2017-2019). Molokai High School “LIVE” Advisory Committee.

Community Service [Outreach]

- **Hawkins, J.** & Vingelen, D. (2024, June 1). Sage Hearts Program Outreach, Maui Ag Fest, Wailuku, HI [Educational booth]
- **Hawkins, J.** & Cacpal, K. (2024, April 19). Green Food vs Brain Food Trivia. Molokai Earth Day. Kaunakakai, HI. [Educational booth]
- **Hawkins, J.** & Mangano, A. (2023, April 22). ‘Ohana Garden & Grindz: Addressing the Spread of SARS-Cov-2 Utilizing A Virtual Family-Based Agriculture Education Aimed at Reducing Food Insecurity. Molokai Earth Day Event. Kaunakakai, HI. [Educational booth]

- **Hawkins, J.** (2023, March 18). Herbs and Spices as a Niche Market & ‘Ohana Garden & Grindz. Molokai Resource and Agriculture Fair. Ho‘olehua, HI. [Educational booth]
- **Hawkins, J., & Greenwood, H.** (2023, March 18).: Addressing the Spread of SARS-Cov-2 Utilizing A Virtual Family-Based Agriculture Education Aimed at Reducing Food Insecurity. Molokai Resource and Agriculture Fair. Ho‘olehua, HI. [Educational booth]
- **Hawkins, J.** (2022, March 19) Farm Food Safety for Small Farmers & ‘Ohana Garden & Grindz: Addressing the Spread of SARS-Cov-2 Utilizing A Virtual Family-Based Agriculture Education Aimed at Reducing Food Insecurity. Molokai Health and Agriculture Fair. [Educational booth]
- **Hawkins, J.** (2022, June 11). Farm Food Safety and Rat Lungworm Awareness. Molokai Heritage Rodeo Celebration, Maunaloa, HI. [Educational booth]
- **Hawkins, J.** (2022, June 4). Farm Food Safety for Small Farmers. Maui Ag Fest. Kahului, HI. [Educational booth]
- Greenwood, H, **Hawkins, J.**, Ooki, N. (2019, June 1). Agriculture Education as a Tool to Mitigate Chronic Disease Risk Factors. Maui Ag Fest. Kahului, HI. [Educational booth]
- **Hawkins, J.** (2019, February 22). Farm Food Safety: Hand Washing, Harvesting Tools and Totes. Molokai Farmer’s Gathering. County of Maui Office of Economic Development. Lanikeha, Ho‘olehua, HI. [Educational booth]

PROFESSIONAL DEVELOPMENT

(Reverse chronological order since last contract renewal)

1. PEARS Training Series. Zoom. January -September 2024
2. Occasional Invasive Pest Mini-Conference VI. Zoom. September 19, 2024
3. Leveraging Extension and University Engagement: Developing and Implementing Novel Projects Using Transdisciplinary Approaches. Zoom. September 9, 2024
4. Evaluating the Potential Expansion of the Dragon Fruit Industry in North America. UF Zoom Conference. July 17, 2024
5. National Youth Garden Symposium. Chicago Conference. July 8-11, 2024
6. Extension Skills- Community Engagement. Zoom. June 13, 2024
7. FSMA Produce Safety Rule Pre-Harvest Water Requirements: Revisions to PSA Grower Training Module 5.1. Cornell Zoom. June 10, 2024
8. EEO Training. Online. April 3, 2024
9. HDOA Silicone CEU Class. Zoom. January 30, 2024
10. Extension Skills Training: Telling your Story. Zoom. January 11, 2024
11. Bed Bug Training. Zoom. January 5, 2024
12. Preventing Harassment & Discrimination: Non-Supervisors Extended + Clery Act and Title IX (Full Course). January 2, 2024
13. Workplace Violence Prevention. January 2, 2024
14. Title IX Training. Online. October 2023
15. SAAM: Being Part of the Solution: Sexual Violence Prevention, Strategies, and Response

- Training. UH CTAHR. Online. April 3, 2023
16. Lunch with Extension AD. UH CTAHR. Online. 2021-February 2023
 17. Pesticide Safety and Education Training. UH CTAHR. Online. February 16, 2023
 18. Rural Health and Safety Education Grant PI Meeting. USDA NIFA. Online. February 14-15, 2023
 19. Pesticide Training. HDOA. Hoolehua, HI. January 10, 2023
 20. Grant Partners- ANA grant training with Sustainable Molokai. Hoolehua, HI. November 16, 2022
 21. Maui County Department of Ag Molokai Community Presentation of Data. Lanikeha-Hoolehua, HI. November 9, 2022
 22. Ambrosia Beetle in Avocado Update. HARS. Online. November 8, 2022
 23. P-card Training. UH CTAHR. Online. July 18, 2022
 24. Extension Training: Volunteer Job Description. Online. June 23, 2022
 25. Extension Training: Volunteer Management. Online. June 16, 2022
 26. Extension Training: Volunteer Management. Zoom June.9, 2022
 27. Extension Technology Delivery Training. Online. May 19, 2022
 28. T&P Informational Workshop (2022-2023). May 4, 2022
 29. TPSS Departmental ½ Day Educational Training. Online. February 23, 2022
 30. Research- Hawaii Camelina Informational Meeting. Online. June 20, 2022
 31. Edible Crops Research and Extension Update. UH CTAHR Sustainable and Organic Agriculture Program (UH CTAHR SOAP). Online. November 5. 2021
 32. Sustainable and Organic Program Mini-Conference. UH CTAHR SOAP. Online. October 28, 2021
 33. Farming for Ecological Outcomes. CEFS Research Team. Online. November 3, 2021
 34. Hawaii Tropical Fruit Growers Virtual Conference. HTFG. Online. October 19, 2021
 35. CTAHR Faculty Envisioning Meeting. UH CTAHR Team. Online. October 4, 2021
 36. Tenure and Promotion eDossier Training. Online. August 19, 2021
 37. Train the Trainer WERME Risk Management Webinar: Production Record Keeping. WERME Team. Online. March 4., 2021
 38. Train the Trainer WERME Risk Management Webinar: Crop Insurance. WERME Team. Online. February 18, 2021
 39. Train the Trainer WERME Risk Management Webinar: Introduction to Risk Management. WERME Team. Online. February 4, 2021
 40. Onion Variety Trial Webinar. CTAHR Cooperative Extension-Kylie Tavares. Online. January 5, 2021.
 41. TPSS 491- Agriculture Statistics. UH Manoa. Online. August -December 2020.

42. Preventing Harassment & Discrimination Training. UH Systems. Online. October 16, 2020.
43. Invasive Pest Mini-Conference. UH CTAHR CE. Online October 15, 2020
44. Increasing Student Engagement with iClickers. Online. October 8, 2020
45. Zoom Level 2 Training. UH. Online. October 1, 2020
46. Code of Conduct: Workplace Conduct (HE). UH System. Online. September 3, 2020
47. Hawaii Soil Health Web Tool. UH CTAHR. Online. August 18, 2020
48. Food Safety GAP Meeting. UH CTAHR Cooperative Extension. On-line. July 2, 2020.
49. Virtual Potato Production Webinar. UH CTAHR. Cooperative Extension. Online. June 17, 2020
50. Managing Spotted Wing Drosophila (SWD) with Biologicals. Marrone Biologicals. Online. June 16, 2020
51. The Tactical & Practical Guide to Flowable Navel Orange Worm Mating Disruption. Marrone Biologicals. Online. June 9, 2020
52. Bioinsecticides: Why They Work & When to Apply to Ensure Results. Marrone Biologicals. Online. May 28, 2020
53. Kill the Coronavirus on Industrial Hard Surfaces with EPA-Approved Jet-Oxide®15 and Manage Soil and Plant Fungi and Disease with Jet-Ag®. Online. May 28, 2020.
54. Invasive Species Conference. CTAHR Researchers and Extension Agents. Imiloa Astronomy Center. Hilo, Big Island. August 22-23, 2019
55. CTAHR New Faculty Orientation. UH CTAHR. Manoa Campus- Honolulu, HI. August 21, 2019
56. Food Safety in Home Gardens. CTAHR Farm Food Safety Team. Online. May 14, 2020
57. FSMA On-Farm Readiness Review Training. National Association of State Departments of Agriculture (NASCA). Kamuela, HI. May 13-16, 2019
58. Turmeric Workshop. CTAHR Cooperative Extension SOAP Team. UH MARDF-Hoolehua, HI. April 23, 2019
59. Civil Rights Training. CTAHR Cooperative Extension. Online. February 20, 2019
60. Pesticide Applicator Training: Category 10. HDOA. MARDF Hoolehua, HI. February 13, 2019