**Jari S.K. Sugano**

Extension Agent

Department of Plant and Environmental Protection Sciences

College of Tropical Agriculture and Human Resources

Wahiawa Extension Office

910 California Avenue

Wahiawa, HI 96786

(808) 622-4185 (phone)

(808) 622-1912 (fax)

Email: suganoj@ctahr.hawaii.edu

FTE Distribution: 100% E

**Education**

|  |  |  |
| --- | --- | --- |
| **Degree** | **University** | **Major** |
| Bachelors of Science | University of Hawaii at Manoa | Agriculture |
| Masters of Science | Michigan State University | Extension Education |
|  |  |  |

**Lifetime and Fellow Achievement Awards (peer nominated and endorsed national and International-important for those without accreditation that is peer nominated and endorsed, recognized)**

* 2013 Excellence in Extension. University of Hawaii at Manoa, College of Tropical Agriculture and Human Resources. May 2013
* 2012 Hawaii Farm Bureau Federation Special Recognition Award. Outstanding Friend of Farmer. October 31, 2012

**Professional Appointments**

|  |  |  |
| --- | --- | --- |
| **Title** | **Employer** | **Dates Employed** |
| Extension Agent  Associate Extension Agent  Assistant Extension Agent  Junior Extension Agent | UH CTAHR  UH CTAHR  UH CTAHR  UH CTAHR | 2012-Present  2006-2012  2001-2006  2001 |

**Courses Taught**

Course Number and Title (credits)

* Spring: 2014: Extension and Adoption with Dr. Helen Spafford

**Publications (reverse chronological order)**

Books

Book Chapters

Ahmad, A.A., T.J.K. Radovich, H.V. Nguyen, J. Uyeda, A. Arakaki, J. Cadby, R. Paull, **J. Sugano** and G. Teves. 2016. Use of Organic Fertilizers to Enhance Soil Fertility, Plant Growth, and Yield in a Tropical Environment. In: M.L. Larramendy and S. Soloneski, (eds.), [*Organic Fertilizers-From Basic Concepts to Applied Outcomes*](http://www.intechopen.com/books/organic-fertilizers-from-basic-concepts-to-applied-outcomes). Chapter 4, p: 85-108. <http://www.intechopen.com/books/organic-fertilizers-from-basic-concepts-to-applied-outcomes/use-of-organic-fertilizers-to-enhance-soil-fertility-plant-growth-and-yield-in-a-tropical-environmen>t.

Conference Proceedings

Refereed Journal Publications

Extension Publications

1. **Wang, K-H., N. Kerr, P. Waisen, and J. Sugano.** Exploring Biological Management Against Fusarium Wilt of Banana in Hawaii. University of Hawaii at Mānoa, College of Tropical Agriculture and Human Resources. Sustainable and Organic Agriculture Program. Hanāi ‘Ai Newsletter. Fall 2019.
2. Bryant, G., T. Radovich, **J. Sugano,** A. Ahmad, J. Uyeda, J. Silva, K.H. Wang. Organic Screenhouse Trial of Parthenocarpic Cucumbers. Preliminary results: April-June 2019. University of Hawaii at Mānoa, College of Tropical Agriculture and Human Resources. Sustainable and Organic Agriculture Program. Hanāi ‘Ai Newsletter. Fall 2019.
3. Ahmad, A., H.V. Nguyen, J. Silva, J. Uyeda, **J. Sugano,** T.J.K. Radovich, L. Nakamura-Tengan, S. Motomura, and K. Tavares. Evaluation of Different Varieties and Biochar Application Rate on the Yield of Soybean. University of Hawaii at Mānoa, College of Tropical Agriculture and Human Resources. Sustainable and Organic Agriculture Program. Hanāi ‘Ai Newsletter. Fall 2019.
4. **Sugano, J.,** A. Taniguchi, L. Okumura, A. Ahmad, J. Uyeda, and J. Silva. Summer Broccoli Observations. October 2019. University of Hawaii at Mānoa, College of Tropical Agriculture and Human Resources. **(White Paper).**
5. Larrea-Sarmiento, A., X. Wang, W. B. Borth, R. P. Barone, A. Olmedo-Velarde, M. J. Melzer, **J. S. K. Sugano**, R. Galanti, J. Y. Suzuki, M. M. Wall, and J. S. Hu. *First report of bean common mosaic virus infecting flowering ginger (Alpinia purpurata ) in Hawaii*. Plant Disease. September 2019.
6. **Sugano, J.,** A. Taniguchi, L. Okumura, A. Ahmad, J. Uyeda, and J. Silva. Summer Spinach Evaluation. August 2019.University of Hawaii at Mānoa, College of Tropical Agriculture and Human Resources. **(White Paper)**
7. **Sugano, J.,** L. Okumura and A. Taniguchi. Wax Apple Variety Evaluations in Waimanalo. August 2019.University of Hawaii at Mānoa, College of Tropical Agriculture and Human Resources. **(White Paper)**
8. **Sugano, J**., K.H. Wang, A. Taniguchi, L. Okumura, and G. Spinelli. Sweet Alyssum (*Lobularia maritima*) Varieties. August 2019.University of Hawaii at Mānoa, College of Tropical Agriculture and Human Resources. **(White Paper)**
9. **Sugano, J**., A. Taniguchi, L. Okumura, J. Silva3, A. Ahmad, and J. Uyeda. Chicken Trap Construction. July 2019. University of Hawaii at Mānoa, College of Tropical Agriculture and Human Resources. **(White Paper)**
10. **Sugano, J.,** L. Okumura, A. Taniguchi, and G. Spinelli. Evaluation of Cacao Cages in Waimanalo. July 2019. University of Hawaii at Mānoa, College of Tropical Agriculture and Human Resources. **(White Paper)**
11. **Sugano, J., J. Uyeda, S. Fukuda and R. Saito. Evaluation of Four Varieties of Tea on Oahu (Final Notes). May 2019.** University of Hawaii at Mānoa, College of Tropical Agriculture and Human Resources. **(White Paper)**
12. **Spinelli, G., J. Uyeda, J. Silva, L. Okumura, A. Taniguchi & J. Sugano. Design of a Small-Scale Off-Grid Hydroponic System for Screen House Leafy Vegetable Production.** University of Hawaii at Mānoa, College of Tropical Agriculture and Human Resources. Sustainable and Organic Agriculture Program. Hanāi ‘Ai Newsletter. Summer 2019.
13. **Sugano, J., G. Spinelli, J. Silva, A. Taniguchi, L. Okumura, G. Teves, J. Bost, A. Ahmad and J. Uyeda.** Field Screening of Various Lettuce Cultivars for Tip Burn Tolerance in Hawai'i. University of Hawaii at Mānoa, College of Tropical Agriculture and Human Resources. Sustainable and Organic Agriculture Program. Hanāi ‘Ai Newsletter. Summer 2019.
14. **Bryant, G., T. Radovich, J. Sugano, A. Ahmad, J. Uyeda, J. Silva, and K.H Wang Organic Screenhouse Trial of TYLC Resistant Tomatoes: Preliminary Results.** University of Hawaii at Mānoa, College of Tropical Agriculture and Human Resources. Sustainable and Organic Agriculture Program. Hanāi ‘Ai Newsletter. Summer 2019.
15. **Spinelli, G., J. Silva, J. Uyeda, A. Taniguchi, L. Okumura, T. Radovich & J. Sugano. Electric Fence: Non-Chemical Wild Pig Deterrent.** University of Hawaii at Mānoa, College of Tropical Agriculture and Human Resources. Sustainable and Organic Agriculture Program. Hanāi ‘Ai Newsletter. Summer 2019.
16. **Okumura, L., A. Taniguchi, & J. Sugano. Evaluation of Non-Chemical Deterrents to Repel Slugs.** University of Hawaii at Mānoa, College of Tropical Agriculture and Human Resources. Sustainable and Organic Agriculture Program. Hanāi ‘Ai Newsletter. Summer 2019. University of Hawaii at Mānoa, College of Tropical Agriculture and Human Resources.
17. Taniguchi, A., L. Okumura, G. Spinelli, J. Silva, J. Uyeda, & **J. Sugano.** T**he Importance of Testing pH and EC in Agriculture.** University of Hawaii at Mānoa, College of Tropical Agriculture and Human Resources. Sustainable and Organic Agriculture Program. Hanāi ‘Ai Newsletter. Summer 2019.
18. Green, J., M. J. Melzer, **J. S.K. Sugano**, W. B. Borth, and J. S. Hu. Viruses in Flowering Ginger. University of Hawaii. College of Tropical Agriculture and Human Resources. Plant Diseases. October 2018. PD-116.
19. **Sugano, J**., T. Radovich and K.H. Wang. Advancing Hawaii's Farming Communities Through Applied Research, Education and Collaborative Partnerships. Sustainable and Organic Agriculture Program. Hanāi ‘Ai Newsletter. November 2018-January 2019. University of Hawaii at Mānoa, College of Tropical Agriculture and Human Resources.
20. **Sugano, J.,** L. Okumura, J. Silva, J. Uyeda, and K.H Wang. **Scaling Up Māmaki (**Pipturus albidus**) in Non-Forest Areas for Commercial Production.**Sustainable and Organic Agriculture Program. Hanāi ‘Ai Newsletter. November 2018-January 2019. University of Hawaii at Mānoa, College of Tropical Agriculture and Human Resources.
21. **Sugano, J., G. Spinelli, K. Wong, E. Perez, J. Silva, J. Uyeda, K.H Wang, P. Shingaki.Evaluation of Organic Insecticides for Aphid Control on Chinese Cabbage.** Sustainable and Organic Agriculture Program. Hanāi ‘Ai Newsletter. November 2018-January 2019. University of Hawaii at Mānoa, College of Tropical Agriculture and Human Resources.
22. Tavares, K., J. Uyeda, J. Silva, S. Motomura Wages, **J. Sugano,** and L. Nakamura-Tengan. In Field Irrigation Water Treatment for the Food Safety Modernization Act Produce Safety Rules. Sustainable and Organic Agriculture Program. Hanāi ‘Ai Newsletter. November 2018-January 2019. University of Hawaii at Mānoa, College of Tropical Agriculture and Human Resources.
23. Silva, J., **J. Sugano**, and J. Uyeda. Celery Variety Trial: Preliminary Results, July 2018. Sustainable and Organic Agriculture Program. Hanāi ‘Ai Newsletter. November 2018-January 2019. University of Hawaii at Mānoa, College of Tropical Agriculture and Human Resources.
24. Silva, J., **J. Sugano,** and J. Uyeda. Downy Mildew Resistant Basil Variety Trial: Preliminary Results, August 2018. Sustainable and Organic Agriculture Program. Hanāi ‘Ai Newsletter. November 2018-January 2019. University of Hawaii at Mānoa, College of Tropical Agriculture and Human Resources.
25. **Sugano, J.**, G. Spinelli, J. Uyeda, and J. Silva. Wild Animal Management on edible Crop Farms. 71st Annual Conference Hawaii Farm Bureau. October 30-31, 2018. Hilton Waikiki Beach. (display)
26. **Sugano, J**., G. Spinelli., J. Uyeda, J. Silva and K.H. Wang. Reduced Risk Crop Protection Chemical: Mode of Action. GoFarm Hawaii. October 24, 2018. Waimanalo Research Station. (handout)
27. Okumura, L., & **J. Sugano.** Increased Mamaki Transplant Success with Non-Circulating Containers. LICH Conference. October 10, 2018. Honolulu, Hawaii.
28. 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. Sustainable and Organic Agriculture Program. Hanāi ‘Ai Newsletter. March-May 2018. V.32. University of Hawaii at Mānoa, College of Tropical Agriculture and Human Resources.
29. **Sugano, J.,** L. Okumura, J. Silva, J. Uyeda, T. Radovich, S. Motomura-Wages, R. Corrales and K.H Wang. Use of Resistant Varieties in Combination with Screen Systems. Sustainable and Organic Agriculture Program. Hanāi ‘Ai Newsletter. March-May 2018. V.32. University of Hawaii at Mānoa, College of Tropical Agriculture and Human Resources.
30. **Sugano, J**., K.H Wang, J. Uyeda, J. Silva, K. Wong, D. Meyer, R. Shimabuku, T. Radovich, P. Shingaki, R. Corrales, S. Migita, L. Nakamura-Tengan and S. Fukuda. Screenhouse Systems. Sustainable and Organic Agriculture Program. Hanāi ‘Ai Newsletter. December 2017-February 2018. University of Hawaii at Mānoa, College of Tropical Agriculture and Human Resources.
31. Silva, J. J. Uyeda, S. Fukuda, R. Corrales, D. Ogata, and **J. Sugano.** Soybean Variety Trial: Fall 2017. Sustainable and Organic Agriculture Program. Hanāi ‘Ai Newsletter. December 2017-February 2018. University of Hawaii at Mānoa, College of Tropical Agriculture and Human Resources.
32. Silva, J., J. Uyeda, S. Fukuda, L. Nakamura-Tengan, and **J. Sugano**. Installation of Field Toilets and Hand Washing Stations to Increase Worker Hygiene & Sanitation. Sustainable and Organic Agriculture Program. Hanāi ‘Ai Newsletter. June 2017-August 2017. V 30. University of Hawaii at Mānoa, College of Tropical Agriculture and Human Resources.
33. Wong, K., J. Silva, R. Shimabuku, S. Fukuda, **J. Sugano,** 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. Sustainable and Organic Agriculture Program. Hanāi ‘Ai Newsletter. December 2016-February 2017. V 28. University of Hawaii at Mānoa, College of Tropical Agriculture and Human Resources.
34. Uyeda, J., T. Radovich, S. Fukuda and **J. Sugano**. 2017. Flat Head Cabbage Variety Trial. Sustainable and Organic Agriculture Program. Hanāi ‘Ai Newsletter. December 2016-February 2017. V 28. University of Hawaii at Mānoa, College of Tropical Agriculture and Human Resources.
35. Wang, K., **J., Sugano,** S. Fukuda, J. Uyeda, D. Meyer, and S. Ching. DIY Screen House for Insect Management in the Tropics: Part I. Sustainable and Organic Agriculture Program. Hanāi ‘Ai Newsletter. December 2016-February 2017. V 28. University of Hawaii at Mānoa, College of Tropical Agriculture and Human Resources.
36. Wang, K**., J., Sugano**, S. Fukuda, J. Uyeda, S. Ching, J. Kam, and D. Meyer. DIY Screen House for Insect Management in the Tropics: Part II. Sustainable and Organic Agriculture Program. Hanāi ‘Ai Newsletter. December 2016-February 2017. V 28. University of Hawaii at Mānoa, College of Tropical Agriculture and Human Resources.
37. Ahmad, A., T. Radovich, H. Nguyen, J. Uyeda, A. Arakaki, C. Nazario-Leary, **J. Sugano**, S. Motomura, and J. Silva. Evaluating the Suitability of Chickpea (*Ciser arietinum* L.) as a New Crop to the Tropical Conditions of Hawaii. Sustainable and Organic Agriculture Program, Hanāi ‘Ai Newsletter. June-August 2016. Volume 26.
38. Radovich, T., A. Ahmad, A. Arakaki, **J. Sugano**, J. Uyeda, H. Nguyen. Tankage: A Locally Produced Nitrogen Source. Sustainable and Organic Agriculture Program, Hanāi ‘Ai Newsletter. September-December 2015. Volume 25.
39. Uyeda, J., S. Fukuda, and **J. Sugano.** White Stem Negi Onion Variety Trial. Sustainable and Organic Agriculture Program, Hanāi ‘Ai Newsletter. September-December 2015. Volume 25.
40. Wang, K. A. Park, S. Ching, S. Mishra, **J. Sugano,** J. Uyeda J. Tavares, and M. Quinttanilla. Insectary Plants for Organic IPM. Sustainable and Organic Agriculture Program, Hanāi ‘Ai Newsletter. June-August 2015
41. Wang, K. M. Manley, D. Meyer, **J. Sugano** and J. Uyeda. Hot Water Treatment for Arthropod Pests Management. Sustainable and Organic Agriculture Program, Hanāi ‘Ai Newsletter. June-August 2015.
42. **Sugano, J**. T. Radovich, and J. Smith. 2015 Hawaii WSARE Professional Development Program Summer Update. Sustainable and Organic Agriculture Program, Hanāi ‘Ai Newsletter. June-August 2015
43. Uyeda, J., M. Kawate, J. Coughlin, J. Kam, **J. Sugano,** S. Fukuda, R. Shimabuku, and K.-H. Wang. Sprayer Calibration Using the 1/128th Method for Motorized Backpack Mist Sprayer Systems. CTAHR Cooperative Extension Service PRRE-9.
44. Tateno, A., L. Kaufman, M. Wright, **J. Sugano,** T. Radovich. Field screening of tomato varieties resistant to Tomato Spotted Wilt Virus and Tomato Yellow Leaf Curl Virus in Hawaii. Sustainable and Organic Agriculture Program, Hanāi ‘Ai Newsletter. December-February 2015.
45. Uyeda, J., **J. Sugano,** S. Fukuda and J. Odani. Evaluation of Various Pathogen Remediation Strategies for Soil and Soilless Farming Systems in Anticipation of the New Food Safety Guidelines. Sustainable and Organic Agriculture Program, Hanāi ‘Ai Newsletter. September-November 2014.
46. Wang, K.H., **J. Sugano**, J. Uyeda, T. Radovich, S. Ching, S. Mishra, A. Park, D. Meyer, M. Quintanilla, S. Fukuda, and S. Migita, Evaluation of Microbes for Field Application in Hawaii. Sustainable and Organic Agriculture Program, Hanāi ‘Ai Newsletter. September-November 2014.
47. Mishra, S., A. Park, **J. Sugano,** J. Uyeda, and K.-H. Wang, Suppression of Mites by Vermicompost Tea on Tea plant (*Camellia sinensis*). Sustainable and Organic Agriculture Program, Hanāi ‘Ai Newsletter. September-November 2014.
48. Uyeda, J., **J. Sugano,** S. Fukuda, T. Radovich, A. Pant, and H. Valenzuela. Evaluation of Romaine Lettuce Varieties for Commercial Production from 2011-2014. CTAHR Cooperative Extension Service, Food Safety and Technology, July 2014, VC-3.
49. Hollyer, J., D. Meyer, F. E. Brooks, R. S. Shimabuku, L. F. Castro, C.Y. Nagamine, C. M. Tarutani1, **J. S. Sugano**, J.J.K. Leary, L. Nakamura-Tengan, and Hawai‘i Department of Agriculture Pesticides Branch, [Good Agricultural Practices: A Best Practices Kit for Safe, Legal, and Effective Pesticide Application in Hawai‘i](http://www.ctahr.hawaii.edu/oc/freepubs/pdf/FST-59.pdf). CTAHR Cooperative Extension Service, Food Safety and Technology, April 2014, FST-59.
50. **Sugano, J.,** J. Uyeda, S. Fukuda, S. Migita and K.-H. Wang. Quick & Applied Agricultural Trial: **Persian Cucumber (Beit Alpha) Variety Screening 2014.** Sustainable and Organic Agriculture Program, Hanāi ‘Ai Newsletter. June –August 2014.
51. Uyeda, J., M. Kawate, J. Coughlin, J. Kam**, J. Sugano,** S. Fukuda, R. Shimabuku, and K. Wang. Mist Blower Calibration Using the 1/128th Calibration Method. Sustainable and Organic Agriculture Program, Hanāi ‘Ai Newsletter. March-May 2014.
52. Kawate, M., J. Uchida, J. Coughlin, M. Melzer, C. Kadooka, J. Kam, **J. Sugano,** and S. Fukuda. 2014. Ti Leaf Diseases in Hawaii's Commercial Orchards. Sustainable and Organic Agriculture Program, Hanāi ‘Ai Newsletter. March-May 2014.

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

**Extension Videos and Social Media**

1. Isele, E. and **J. Sugano**. Cacao Cage Construction. 2018. University of Hawaii at Mānoa, College of Tropical Agriculture and Human Resources.
2. **Sugano, J**., Uyeda, J., M. Kawate, J. Coughlin, J. Kam, S. Fukuda, R. Shimabuku, and K. Wang. Spray Calibration of a Spray Boom System 2016. University of Hawaii at Mānoa, College of Tropical Agriculture and Human Resources.
3. **Sugano, J**., Uyeda, J., M. Kawate, J. Coughlin, J. Kam, S. Fukuda, R. Shimabuku, and K. Wang. Spray Calibration of a Spray Gun System 2015. University of Hawaii at Mānoa, College of Tropical Agriculture and Human Resources.
4. Uyeda, J., M. Kawate, J. Coughlin, J. Kam, **J. Sugano**, S. Fukuda, R. Shimabuku, and K. Wang. Mist Blower Calibration Using the 1/128th Calibration Method. 2014. University of Hawaii at Mānoa, College of Tropical Agriculture and Human Resources.

**Extension Posters:**

1. **Sugano, J**., T. Radovich and G. Spinelli. Sustainable and Organic Agriculture Program. Cooperative Extension Centennial Celebration. November 7, 2018. Ala Moana Hotel. Honolulu. (poster)
2. **Sugano, J.,** J. Uyeda, S. Fukuda, T. Radovich and K. Wang. Plant Propagation Educational Posters. CTAHR Cooperative Extension Service March 2014.
3. **Sugano, J.,** J. Uyeda, S. Fukuda, T. Radovich and K. Wang. Basic Crop Nutrition Educational Posters. CTAHR Cooperative Extension Service March 2014.
4. **Sugano, J.,** J. Uyeda, S. Fukuda, T. Radovich and K. Wang. Soil Testing Educational Posters. CTAHR Cooperative Extension Service March 2014.
5. **Sugano, J**., J. Uyeda, S. Fukuda, T. Radovich and K. Wang. Tissue Testing Educational Posters. CTAHR Cooperative Extension Service March 2014.
6. **Sugano, J**., J. Uyeda, S. Fukuda, T. Radovich and K. Wang. Fertilization Educational Posters. CTAHR Cooperative Extension Service March 2014.
7. **Sugano, J.,** J. Uyeda, S. Fukuda, T. Radovich and K. Wang. Organic Fertilization Educational Posters. CTAHR Cooperative Extension Service March 2014.
8. **Sugano, J**., J. Uyeda, S. Fukuda, T. Radovich and K. Wang. Liming Oahu Soils Educational Posters. CTAHR Cooperative Extension Service March 2014.
9. **Sugano, J.,** J. Uyeda, S. Fukuda, T. Radovich and K. Wang. Calculating NPK Educational Posters. CTAHR Cooperative Extension Service March 2014.

**Extension Websites:**

1. **Sugano, J**. 2016. University of Hawaii at Mānoa, College of Tropical Agriculture and Human Resources. Available online: <https://cms.ctahr.hawaii.edu/suganoj/>

# Wang, K.H, J. Uyeda and **J. Sugano**. 2016. Banana Pest and Disease Management in the Tropical Pacific: A guidebook for banana growers. University of Hawaii at Mānoa, College of Tropical Agriculture and Human Resources. Available online: <https://cms.ctahr.hawaii.edu/wangkh/Research-and-Extension/Banana-IPM/Banana-IPM-Guidebook>

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

**Membership in Commodity/Business Organizations**

Instructor, Go Farms (2013-Present)

Basil Swat Team (2011-present)

Watercress Task Force (2004 – present)

Banana Action Group (2004-present)

Oahu Banana Growers Association (2003 – present)

Member, Hawaii Banana Industry Association (2003 – present)

USDA Local Work Group (2003-present)

Oahu County USDA Farm Service Emergency Board Member (2003-present)

Member, East County, Hawaii Farm Bureau Federation (2003 - present)

Member, Hawaii Farm Bureau Federation (2003 - present)

Member, American Farm Bureau (2003 - present)

**Professional Organizations**

Co-Program Leader, Western Region Sustainable Agriculture Research and Education (WSARE) (2013-2019)

Proposal Reviewer, Western Sustainable and Agriculture Research and Education (2013-present)

Advisor, Hawaii Cooperative of Organic Farmers (2007-present)

Member, Hawaii Farm Bureau Co Existence Team (2005-present)

National Association of County Agricultural Agents (2003 - present)

Hawaii Association of County Agricultural Agents (2003 - present)

CTAHR, Department of Plant and Environmental Protection Sciences (2001-present)

University of Hawaii Professional Assembly (2001 - present)

National Education Association (2001 - present)

**University Service:**

Co-Program Leader, Sustainable and Organic Agriculture Program (SOAP) (2013-present)

Statewide program leader, Local and Immigrant Farmer Education (LIFE) (2009-2014)

Member, UH Manoa Tenure and Promotion Review Committee (2017)

Member, PEPS Department Personnel Committee (2019-)

Member, PEPS Department Personnel Committee (2013-2015)

Member, CTAHR Faculty Senate Extension Committee (2019-)

Member, CTAHR Faculty Senate (2019-)

**Committees:**

Member, Technology Outreach Committee (2016-)

Chair, Search Committee for CTAHR Assistant Extension Agent-Ornamental Crops

(2019-)

Member, Search Committee for CTAHR Educational Specialist, Pesticide Education

(2019-)

Co-Chair Search Committee for CTAHR Assistant Extension Agent-SOAP (Kauai/Oahu)

(2018-2019)

Member, Search Committee for CTAHR Assistant Extension Agent-Hawaii County, Ornamental Crops (2016-2018)

Chair, Strategic Planning: Extension Capacity Building: Technology (2016)

Member, Search Committee for CTAHR Assistant Researcher-Pollinators (2016)

Member, Extension Technology Committee (2015-2016)

Member, Search Committee for CTAHR Associate Dean and Director of Extension (2013-2014)

Chairperson, HACAA Teaching and Educational Technologies (2013-)

**Graduate Students**

|  |  |  |
| --- | --- | --- |
| Category | Current Number of Students | Number Graduated (Career) |
| *Chair* of Master’s Committees |  |  |
| *Chair* of PhD Committees |  |  |
| Member of Master’s Committees | 1 | 1 |
| Member of PhD Committees |  |  |

**Grant Support**

1. Building Competencies in Hawaii’s Agricultural Professionals and Stakeholders in Under Represented Agricultural Communities Through Collaborative Partnerships.
   1. WSARE
   2. $75,000
   3. 2019-2022.
   4. **PI: Sugano, J.** K.H. Wang, J. Silva and M. Gorham.
2. Ornamental Ginger: Statewide Quarantine Virus Survey and Causal Agent Identification for Crop Decline.
   1. Hawaii State Department of Agriculture.
   2. $122, 000 (received $0.00)
   3. 2019-2021.
   4. **PI: Sugano, J.** J. Hu, J. Uchida, M. Melzer, and M. Arif.
3. Disinfecting Hawaii’s banana industry from Panama wilt and the banana bunch top virus through tissue culture and evaluation of new soil decontamination strategies.
   1. Hawaii State Department of Agriculture. SCBGP
   2. 2017-2020 (received $800.00)
   3. $12,000
   4. **PI:** **Sugano, J.** K.H. Wang, A. Ahmad
4. Jump Starting a Natural Biocontrol System to Manage Thrips in Commercial Eggplant Production Systems.
   1. Hawaii IPM Program
   2. $5,000
   3. 2015-2017
   4. **PI: Sugano, J**., J. Silva, J. Uyeda, S. Motomura, K. Wong, and K.H. Wang.
5. Targeted Crop Production Strategies to Increase Fruit Production in Hawaii
   1. CTAHR Supplemental
   2. $80,000
   3. 2017-2019.
   4. **PI: Sugano, J**. et al.
6. Whitmore Project: Applied Research / Extension Support
   1. Hawaii Department of Agriculture
   2. $23,496 (received $0.00)
   3. 2017-2018
   4. **Co: PI:** Uyeda, J., **J. Sugano** and J. Silva.
7. Hot Shot Hawaii v.2.0: Expanding Hawaii’s Agricultural Professionals Capacity to Advance Sustainable and Organic Agriculture Practices in Hawaii
   1. WSARE-Enhanced State Program Grant Funding
   2. $24,750 (received $0.00)
   3. 2017-2018
   4. **Co-PI:** Radovich, T., **J. Sugano**
8. Developing Sustainable Organic Farming System through Cover Cropping in Hawaii
   1. CTAHR HATCH
   2. $47,000 (received $0.00)
   3. 2018
   4. **Co-PI:** Wang, K.H., **J. Sugano,** T. Radovich, and J. Uyeda
9. NEWGERMPLASM17
   1. Hawaii Department of Agriculture
   2. $493,489 (received $7,000)
   3. 2017-2020
   4. **Co-PI:** Amore, T. et al.
10. Improving Nitrogen Synchronization of Local Fertilizers, Soil Fertility, and Crop Quality with Biochar Application
    1. Western SARE (Sustainable Agriculture Research and Education), USDA
    2. $259,818 (received $0.00)
    3. 2018-2021
    4. **Co-PI:** Hue, et al.
11. Expanding Research, Extension, and Education Activities to Improve Sustainable and Organic Farming in Hawaii
    1. Hawaii Department of Agriculture
    2. $200,000 (received $0.00)
    3. 2018
    4. **Co-PI:** Radovich, T. et al.
12. Western SARE Professional Development Program: Enhanced State Program Grant Funding
    1. WSARE
    2. $24,750 (received $2,000)
    3. 2017-2018
    4. **Co-PI:** Radovich, T., **J. Sugano** and A. Ahmad
13. SARE Professional Development Program Plan for Hawai‘i
    1. WSARE
    2. $24,000 (received $2,000)
    3. 2016-2017
    4. **PI: Sugano, J**. and T. Radovich
14. Deploying SOAP’s Hot Shot Team to Identified Hot Spot Locations to Advance Sustainable and Organic Agriculture Practices in Hawaii
    1. Western SARE Professional Development Program: Enhanced State Program Grant Funding
    2. $24,750
    3. 2016-2017
    4. **PI: Sugano, J**. and T. Radovich
15. SARE Professional Development Program Plan for Hawai‘i
    1. WSARE
    2. $24,000 (received $2,000)
    3. 2015-2016
    4. **PI: Sugano, J**. and T. Radovich
16. Minimizing Pest Management Inputs via Evaluation and Modification of Commercial High Tunnel Systems
    1. CTAHR Supplemental Project
    2. $79,200
    3. 2015-2017.
    4. **PI: Sugano, J.**, S. Kubo, T. Radovich, J. Uyeda, K. Wang, L. Kaufman, J. Bost, R. Corrales and P. Shingaki.
17. Statewide Integrated Multistate Citrus Variety Evaluation
    1. CTAHR Supplemental
    2. $48,000 (received $0.00, received plants)
    3. 2015-2017
    4. **Co-PI:** Uyeda, J. et al.
18. Vegetatively-propagated crops of importance to Hawaii: pathogen identification, detection, and development of clean germplasm
    1. CTAHR Integrated Hatch Project
    2. $125,000 (received $0.00)
    3. 2014-2019
    4. **Co-PI:** Melzer, M., J. Hu, **J. Sugano** and S. Miyasaka.
19. Improving water use efficiency through no-till cover cropping and solarization
    1. NRCS CIG (Hawaii)
    2. $74,951 (received $0.00)
    3. 2015-2018
    4. **Co-PI:** Wang, K.-H., A. Pant, **J. Sugano**, and J. Uyeda
20. Sustainable Pest Management Approaches for High Tunnel Screenhouse Production in the Tropics
    1. WSARE P&P
    2. $49,987 (received $0.00)
    3. 2015-2017
    4. **Co-PI:** Wang, K.-H., A. Pant, **J. Sugano**, J. Uyeda, and J. De Frank.
21. Hydroculture Hawaii Program
    1. CTAHR Supplemental
    2. $51,500 (received $0.00)
    3. 2013-2015
    4. **Co-PI:** Uyeda, J., R. Paull, **J. Sugano**, S. Fukuda, K.-H. Wang, T. Radovich, C. Tamaru, and B. Fox.
22. Promoting the use of cover crop calculator for the tropics as nitrogen management tool and the use of cover crops for soil health management guideline.
    1. NRCS CIG (National) $474,042+cost share = $952,943 (received $0.00)
    2. 2014-2017
    3. **Co-PI:** Wang, K.-H., T. Radovich, A. Pant, N. Andrew, N. Hue, **J. Sugano**, J. Uyeda.
23. SARE Professional Development Program Plan for Hawai‘i
    1. WSARE
    2. $21,000
    3. 2014-2015
    4. **PI: Sugano, J**., and T. Radovich
24. Center of Rural Agriculture Training for Entrepreneurship (CRATE) for the Pacific
    1. NIFA AFRI AE&RC
    2. $489,094 (received $0.00)
    3. 2013-2016
    4. **Co-PI:** Wang, K.-H., A. Pant, T. Radovich, **J. Sugano**, C. Tamaru, B. Fox, J. Uyeda, S. Chiang, C. Chan-Halbrandt
25. Non-chemical based integrated pest management plans against insect pests in aquaponic vegetable and wetland taro agroecosystems
    1. Western IPM
    2. $99,459 (received $0.00)
    3. 2013-2015
    4. **Co-PI:** Wang, K.-H., J. Tavares, J. Uyeda, T. Radovich, B. Fox, **J. Sugano**, and C. Tamaru
26. Commercializing Promising New Vegetable Hybrids
    1. CTAHR Supplemental
    2. $53,000
    3. 2013-2015
    4. **PI: Sugano, J,** J. Uyeda and T. Radovich.
27. Integrated Management Systems for Tropical Root Crops
    1. CTAHR HATCH
    2. $125,000 (received $5,000)
    3. 2014-2015
    4. **Co-PI:** Miyasaka, S., A. Arakaki, R. Hamasaki, **J. Sugano,** and J. Zee
28. SARE Professional Development Program Plan for Hawai‘i
29. WSARE
30. $18,000 (received $2,000)
31. 2013-2014
32. **Co-PI:** Radovich, T., and **J. Sugano**

**Presentations at Conferences**

1. Use of Non-Circulating Containers to Increase Transplant Success in Mamaki.
   1. \*\*Okumura, L., A, Taniguchi, and J. Sugano.
   2. American Society for Horticultural Science Annual Conference
   3. Las Vegas, Nevada.
   4. July 22-25, 2019.
2. Pre-Plant Slow Release Nitrogen Fertilizer Evaluation in Strawberry.
   1. \*\*Spinelli, G., S. Lozano and J. Sugano.
   2. American Society for Horticultural Science Annual Conference.
   3. Las Vegas, Nevada
   4. July 22-25, 2019
3. Screenhouse Systems in the Tropics: Organic Integrated Pest Management
   1. **\*\***Sugano, J., K.H. Wang, K. Tavares, J. Uyeda, J. Silva,T. Radovich, and G. Spinelli.
   2. Pacific Branch Meeting of the Entomological Society of America
   3. San Diego, CA
   4. March 31, 2019- April 03, 2019
4. Innovative Waste Management Strategies: Utilizing Locally Produced By-Products as Organic Amendments for Crop Production in Hawaii.
   1. \*\*Ahmad, A.A., Radovich, T.J.K., Nguyen, H.V., Sugano, J., Uyeda, J., Silvasy, T., Gangaiah, C, and Berek, A.
   2. Our Farms, Our Future Conference. SARE/ATTRA.
   3. St. Louis, MO. USA.
   4. April 3-5, 2018.
5. From trash to Pest Management.
   1. \*\*Radovich, T.J.K., A. Ahmad, J. Sugano, and J. Uyeda.
   2. Organic Faring Research Conference
   3. Jan 26, 2018.
   4. Rutgers University, NJ. USA
6. Utilizing locally produced rendered meat to produce high nitrogen content liquid fertilizer.
   1. \*\*Ahmad, A., T.J.K. Radovich, H.V. Nguyen, J. Uyeda, and J. Sugano.
   2. Organic Faring Research Conference
   3. Jan 26, 2018.
   4. Rutgers University, NJ. USA.
7. WSARE Program Update: WSARE PDP Summer Meeting.
   1. \*\*Sugano, J.S.K. and T. Radovich.
   2. July 11-14, 2016.
   3. Newport, Oregon.
8. WSARE Program Update. WSARE PDP Summer Meeting.
   1. \*\*Sugano, J.S.K., T. Radovich and J. Smith.
   2. July 6-9, 2015
   3. Durango, Colorado
9. Addressing Climate Change in Hawaii
   1. \*\*Uyeda, J., J. Sugano, A. Arakaki, T. Radovich, K-H. Wang, J. Deenik, and S. Fukuda.
   2. Agricultural Research Service Climate Hub Initiative Regional Meeting.
   3. February 5-6, 2015
   4. Davis, California
10. Productivity of tomato lines resistant to tomato yellow leaf curl virus and tomato spotted wilt virus for suitability in Hawaii.
    1. \*\*Tateno, A., L. Kaufman, M. Wright, **J. Sugano**, T. Radovich, and J. Uyeda.
    2. Entomology Society of America
    3. November 17, 2014
    4. Oregon Convention Center.
11. Partial characterization of a novel emara-like virus from *Cordyline fruticosa* (L.) with ti ringspot disease
    1. \*\*Melzer, M., **J. Sugano**, J. Uchida, M. Kawate, W. Borth, and J. Hu.
    2. APS Meeting.
    3. August 2014
    4. Minneapolis, MN
12. Educating Hawai‘i Coffee Growers about Coffee Berry Borer Integrated Pest Management
    1. \*\*Kawabata, A., R. Curtiss, S. Nakamoto**, J. Sugano**, R. Tsutsui, M. Diaz-Lyke.
    2. NACAA Conference
    3. July 2014.
    4. Alabama, AR.