

**Kacie K.H.Y. Ho**  
**College of Tropical Agriculture and Human Resources**  
**Department of Human Nutrition, Food and Animal Sciences**  
FTE Distribution: 60% I; 40% R; 0% E

**Education**

<u>Degree</u>	<u>University</u>	<u>Major</u>
PhD	Purdue University	Food Science- Specialization in Processing and Technology
Bachelors	University of Hawaii at Manoa	Food Science

**Professional Appointments**

<u>Title</u>	<u>Employer</u>	<u>Dates Employed</u>
Assistant Professor	University of Hawaii	2018-Present
Postdoctoral Research Scholar	North Carolina State University.	2017-2018
Postdoctoral Teaching Scholar	Wageningen University	2017-2017
Visiting Research Scientist	Wageningen University.	2015-2016

**Courses Taught**

Course Number and Title (credits)

FSHN 381 Experimental Foods (3)  
FSHN 381L Experimental Foods Laboratory (1)  
FSHN 445 Food Quality Control (3)  
FSHN 494 Food Science Capstone (3)  
FSHN 607 Advanced Food Science I (3)

**Publications (reverse chronological order)**

Book Chapters

Schröder, Anja, Corstens, Meinou N., Ho, Kacie K.H.Y., Schroën, Karin, & Berton-Carabin, Claire C. (2018). Pickering Emulsions. *Emulsion-based Systems for Delivery of Food Active Compounds: Formation, Application, Health and Safety*, 29-67.

Refereed Journal Publications

- Ho, Kacie K.H.Y., Ferruzzi, Mario G., Wightman, JoLynne. (2019). Potential health benefits of (poly)phenols derived from fruit and 100% fruit juice. *Nutrition Reviews*. <https://doi.org/10.1093/nutrit/nuz041>
- Li, Min, Ho, Kacie K.H.Y., Hayes, Micaela, & Ferruzzi, Mario G. (2019) The roles of food processing in translation of dietary guidance for whole grains, fruits, and vegetables. *Annual Review of Food Science and Technology*, 10, 569-596. <https://doi.org/10.1146/annurev-food-032818-121330>
- Ho, Kacie K.H.Y., Haufe, Thomas C., Ferruzzi, Mario G., Neilson, Andrew P. (2018). Production and polyphenolic composition of tea. *Nutrition Today*, 53(6), 268-278. <https://doi.org/10.1097/NT.0000000000000304>
- Haufe, Thomas C., Ho, Kacie K.H.Y., Ferruzzi, Mario G., & Neilson, Andrew P. (2018). Potential Health Effects of Tea. *Nutrition Today*, 53(5), 213-228. <https://doi.org/10.1097/NT.0000000000000294>
- Ho, Kacie K.H.Y., Schroën, Karin, San Martín-Gonzalez, M. Fernanda, Berton-Carabin, Claire C. (2018). Synergistic and antagonistic effects of plant and dairy protein blends on the physicochemical stability of lycopene-loaded emulsions. *Food Hydrocolloids*. <https://doi.org/10.1016/j.foodhyd.2018.02.033>
- Ho, Kacie K.H.Y., Schroën, Karin, San Martín-Gonzalez, M. Fernanda, Berton-Carabin, Claire C. (2016). Physicochemical stability of lycopene-loaded emulsions stabilized by plant or dairy proteins. *Food Structure*, 12, 34-42. <http://dx.doi.org/10.1016/j.foostr.2016.12.001>

Ho, Kacie K.H.Y., Ferruzzi, Mario G., Liceaga, Andrea M., San Martin-Gonzalez, M. Fernanda. (2015). Microwave-assisted extraction of lycopene in tomato peels: effect of extraction conditions on all-*trans* and *cis*-isomer yields. *LWT-Food Science and Technology*, 62(1), 160-168. <http://dx.doi.org/10.1016/j.lwt.2014.12.061>

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

Secretary-Treasurer. 2018-Present. American Oil Chemists' Society Health & Nutrition Division.  
Treasurer. 2019-Present. Institute of Food Technologists-Hawaii Section.  
Committee Member. 2019-Present. HNFAS Space Committee.  
Committee Member. 2019-Present. HNFAS Research and Extension Committee.  
Committee Member. 2019-Present. CTAHR Research Day Committee.  
Assessment Coordinator. 2019-Present. Food Science and Human Nutrition Bachelors Program.  
Committee Member. 2019-Present. Board of Regents Willard Wilson Award Committee.  
Committee Member. 2019. CTAHR Student Research Symposium Committee.  
Review Board Member. 2013-2016. Institute of Food Technologists Higher Education Review Board.

**Graduate Students**

<u>Category</u>	<u>Current Number of Students</u>	<u>Number Graduated (Career)</u>
Chair of Master's Committees	2	0
Chair of PhD Committees	0	0
Member of Master's Committees	4	0
Member of PhD Committees	0	0

**Grant Support**

Title of Grant: Postharvest technology and nutrition studies for Hawaii specialty crops and fruits

Source of Grant: USDA-ARS

Total Dollar Value (Your share of the grant value): \$150,000

Dates of Grant: 10/18-10/23

Role (PI, CoPI): CoPI