

Hua Zan  
**College of Tropical Agriculture and Human Resources**  
Center on the Family  
FTE Distribution: 15% I; 60% R; 25% E

**Education**

<u>Degree</u>	<u>University</u>	<u>Major</u>
PhD	The Ohio State University	Family Resource Management
MS	University of Utah	Family Ecology
Bachelor	Southwestern University of Finance and Economics	Labor and Social Security

**Professional Appointments**

<u>Title</u>	<u>Employer</u>	<u>Dates Employed</u>
Associate Researcher	University of Hawai‘i at Mānoa	2019-present
Assistant Researcher	University of Hawai‘i at Mānoa	2014-2019
Assistant Teaching Professor	University of Missouri-Columbia	2013-2014
Postdoctoral Researcher	The Ohio State University	2012-2013

**Courses Taught**

**Course Number and Title (credits)**

HDFS 360	Family Resource Management (3)
HDFS 454	Family Public Policy (3)
FINPLN 3287	Consumer and Household Economics (3)
FINPLN 4383/7383	Investment Management (3)
FINPLN 8001	Portfolio Management (3)
CFFS 260D	Family Financial Management I (5)
CS FRM 443	Solutions to Consumer Problems (5)

**Publications**

**Refereed Journal Publications**

- Zan, H., Fan, J. X., & Lozada, B. (2023). The economic disparity between Hispanic and non-Hispanic White households: An analysis of middle-class achievement. *American Journal of Economics and Sociology*, 00, 1–15. DOI: 10.1111/ajes.12521
- Zan, H., & Shin, S.H. (2022). The positive impact of informal spousal caregiving on the physical activity of older adults. *Frontiers in Public Health*, 10. DOI: 10.3389/fpubh.2022.977846
- Fan, J.X., & Zan, H. (2019). The decline of the American middle class: Evidence from the Consumer Expenditure Surveys 1988-2015. *Journal of Family and Economic Issues*, 1-13, DOI: 10.1007/s10834-019-09651-1
- Lillard, D., Molloy, E., & Zan, H. (2018). Television and magazine alcohol advertising: Exposure, targeting, and trends. *Journal of Studies on Alcohol and Drugs*, 79(6):881-892. DOI: 10.15288/jsad.2018.79.881
- Guo, J., & Zan, H. (2018). Policy development and advocacy: The analysis of a paid family leave bill in the Hawaii State Legislature. *Social Work & Society*, 16(1). <https://www.socwork.net/sws/article/view/541/1069>
- Zan, H., & Scharff, R.L. (2018). The effects of children’s health on mothers’ employment. *Journal of Family and Economic Issues*, 39(2), 297-309. DOI: 10.1007/s10834-017-9552-5
- Fan, J.X., & Zan, H. (2017). The “model minority” myth: Asian American middle class before, during, and after the Great Recession. *Singapore Economic Review*, 1-17. DOI: 10.1142/S0217590817430044
- Zan, H., Lambea, M., McDowell, J., & Scharff, R. L. (2017). An economic evaluation of food safety education interventions: Estimates and critical data gaps. *Journal of Food Protection*, 80(8), 1355-1363. DOI: 10.4315/0362-028X.JFP-16-510
- Zan, H., & Fan, J.X. (2017). Reporting more but moving less? The complex relationship between physical activity and acculturation among U.S. adults. *American Journal of Health Promotion*. First published online: June 29, 2017. DOI: 10.1177/0890117117716415

- Zan, H., & Scharff, R.L. (2017). Regional differences in the value of statistical life. *Journal of Consumer Policy*, 40(2), 157-176. DOI:10.1007/s10603-017-9347-y
- Zan, H., & Scharff, R.L. (2015). The heterogeneity in financial and time burden of caregiving to children with chronic conditions. *Maternal and Child Health Journal*, 19(3): 615-625. DOI: 10.1007/s10995-014-1547-3.
- Lee, S., Sohn, S., Rhee, E., Lee, Y.G., & Zan, H. (2014). Consumption patterns and economic status of older households in the United States. *Monthly Labor Review*, <http://www.bls.gov/opub/mlr/2014/article/consumption-patterns-and-economic-status-of-older-households.htm>
- Zan, H., & Fan, J. X. (2010). Cohort effects of household expenditures on food away from home. *Journal of Consumer Affairs*, 44 (Spring): 213-233. DOI: 10.1111/j.1745-6606.2010.01163.x

### **Extension Publications**

- Gerrits-Goh, R., Luo, Y., Zan, H., Pruitt, A., Agner, J., Wu, Y., Mossakowski, K., Willingham, M., Iwata, C., Pearson, H., Meyer, M., Hajkova, K., Farago, H., Marker, N., Sridharan, S., & Barile, J. (2023). Hawai'i QUEST Integration Section 1115 Waiver Demonstration Evaluation Report. Prepared for the State of Hawai'i Department of Human Services Med-QUEST Division and the U.S. Centers for Medicare & Medicaid Services.
- Zan, H., DeBaryshe, B., Kim, J., Azuma, J., Stern, I., & Gauci, K. (2022). Hawai'i Childhood Lead Poisoning Prevention Program risk system evaluation. Honolulu, HI: University of Hawai'i, Center on the Family.
- Zan, H., Azuma, J., Kim, J., DeBaryshe, B. (2022). Hawai'i Childhood Lead Poisoning Prevention Program risk system evaluation: Technical report. Honolulu, HI: University of Hawai'i, Center on the Family.
- Zan, H., Stern, I.R., Kohl, N., & Gauci, K. (2020). COVID-19 and job loss: Who are the workers most affected in Hawai'i? Honolulu, HI: University of Hawai'i, Center on the Family
- Stern, I.R., DeBaryshe, B., & Zan, H. (2020). Hawaii households and the COVID crisis: How are we doing two months in? Factsheet. Honolulu: University of Hawai'i Center on the Family.
- Zan, H. & Yahirun, J. (2018). The economic well-being of Hawai'i's older adults and their families. Honolulu, HI: University of Hawai'i, Center on the Family
- Stern, I.R., Zan, H., & Kohl, N. (2018) Family leave insurance: Supporting working families. Honolulu: University of Hawaii Center on the Family.
- Kohl, N., Stern, I.R., & Zan, H. (2018). What Hawai'i's families and businesses would benefit from a new paid family leave law. *Scholar Strategy Network*. Cambridge, MA.
- Yahirun, J., & Zan, H. (2017). Grandparent caregivers in Hawai'i. Honolulu, HI: University of Hawai'i, Center on the Family.
- Stern, I.R., Zan, H., & Kohl, N. (2016). Paid family leave: Strengthening Hawai'i's children and families. Honolulu: University of Hawai'i, Center on the Family.
- Yahirun, J., & Zan, H. (2016). Hawai'i's older adults: A demographic profile. Honolulu, HI: University of Hawai'i, Center on the Family.

### **Leadership Roles**

- 2022 – 2023 Department Personnel Committee co-chair, Department of Family and Consumer Sciences, University of Hawai'i at Mānoa.
- 2017 National Endowment of Financial Education Paper Award Committee chair for the annual meeting of American Council of Consumer Interests conference

### **Grant Support**

2023. Co-Investigator

Okamura, N., Barile J., Higa, C., Luo, Y., Sridharan, S., Pruitt, A. Zan, H., Wu, Y., Papini, S., Mossakowski, K., and Okamoto, S. Med-QUEST Enterprise Data Governance and Integrated Data and Analytics Platform. March 17, 2023-September 30, 2024. \$8,425,972.98. Centers for Medicare & Medicaid Services and the State of Hawaii Department of Human Services.

Barile, J., Agner, J., Zan, H., Pruitt, A., Wu, Y., Zhang, W., & Mossakowski, K. & Evaluate Hawaii's Quest Integration Section 1115 Demonstration. July 1, 2019-March 16, 2023. \$2,452,500, Centers for Medicare & Medicaid Services via Hawaii Department for Human Services.

DeBrayshe, B, Stern, I., & Zan, H. Mapping CACFP participation. October 1, 2022-June 30, 2023. \$17,200. Collaborative Support Services, Inc.

2022. Co-Investigator

Stern, I., & Zan, H. Hawai'i KIDS COUNT Data Center Management. February 1, 2021-January 31, 2023. \$65,895, Hawaii Children's Action Network.

2021. Principal Investigator.

Zan, H., DeBrayshe, B, & Kim, J. The Evaluation of Hawaii Child Lead Poisoning Prevention Program Risk System. March 10, 2021-September 29, 2021. \$49,645, Centers for Disease Control and Prevention via Hawaii Department of Health.

2020. Co-Investigator.

Stern, I. & Zan, H. Hawai'i KIDS COUNT, January 2020 – January 2021. \$100,000, Annie E. Casey Foundation.

2019. Co-Investigator.

Stern, I. & Zan, H. Hawai'i KIDS COUNT, January – December 2019. \$100,000, Annie E. Casey Foundation.

Greenwood-Junkermeier, H., Nazario L. C., Shimabuku, R., Tavares, K., Zan, H., Yahirun, J., & Cox, L. Responding to the business planning needs of Maui's agriculture-related business owners and operators, January 2019 – December 2019. \$3,598. The UH CTAHR Cooperative Extension Maui County FY2019 Grant.

2018. Co-Investigator.

Stern, I. & Zan, H. Hawai'i KIDS COUNT, January – December 2018. \$100,000, Annie E. Casey Foundation.

2017. Co-Investigator.

Stern, I. & Zan, H. Hawai'i KIDS COUNT, January – December 2017. \$100,000, Annie E. Casey Foundation.

2016. Principal Investigator.

Zan, H., & Stern, I. KIDS COUNT Supplemental Policy Grant: Advancing paid family leave, July 2016 – June 2017. \$30,000, Annie E. Casey Foundation.

2016. Co-Investigator.

Stern, I. & Zan, H. Hawai'i KIDS COUNT, January – December 2016. \$100,000, Annie E. Casey Foundation.

**Presentations at Conferences**

\* indicates the presenter

- 2023
- Fan, J.X., & Zan, H. Examining the link between food acquisition methods and dietary quality among Asian Americans. Paper presented at Asian Consumer and Family Economics Association. Kitakyushu, Japan.
- Fan, J.X., & Zan, H.\* Proposing the expenditure middle-class measure: Defining middle-class by spending, not income. Poster presented at Population Association of America conference. New Orleans, LA.
- 2022
- Zan, H.\*, Agner, J., Wu, Y., Preiser, B., Meyer, M., Barile, J. Long-term services and supports in Hawaii to address the needs of individuals with complex, chronic disabilities. Paper presented at American Evaluation Association conference. New Orleans, LA.

- Agner, J.\*, Zan, H., Meyer, M., Preiser, B., Willingham, M., Pearson, H., Barile, J. Addressing the needs of older adults with serious mental illness and chronic disabilities through formative evaluation: A review of long-term services and supports level of care assessments nationwide. Paper presented at American Evaluation Association conference. New Orleans, LA.
- 2021 Zan, H.\* The Life Satisfaction of Older Adults during the COVID-19 Pandemic in the United States. Poster presented at American Council of Consumer Interest virtual conference.
- 2018 Zan, H.\*, & Shin, S. Spousal health shocks and physical activity among older adults. Paper presented at American Council of Consumer Interest annual conference. Clearwater Beach, FL. Poster presented at Population Association of America annual conference. Denver, CO.
- Zan, H.\* Consumer Expenditure Surveys data use experience. Invited presentation at the symposium on using Consumer Expenditure Surveys data use in the classroom. American Council of Consumer Interest annual conference. Clearwater Beach, FL.
- Kim, KT\*, & Zan, H. A refined measure of emergency saving adequacy in the SCF: Using a food demand function to estimate the total expenditures from the CE. Paper presented at American Council of Consumer Interest annual conference. Clearwater Beach, FL.
- 2017 Zan, H.\* & Fan, J.X. The Great Recession and heterogeneity within the Hispanic middle class. Paper presented at American Council of Consumer Interest annual conference. Albuquerque, NM.
- 2016 Zan, H.\* & Yahirun, J. Hawai'i's older adults and their families: A demographic profile, eldercare, and paid family leave policy. Presented at 19<sup>th</sup> Biennial Conference of Hawaii Pacific Gerontological Society. Honolulu, HI.
- Zan, H. & Yao, R.\* The health-wealth nexus of older adults in China. Paper presented at 10<sup>th</sup> Biennial Conference of Asian Consumer and Family Economics Association. Hong Kong.
- Fan, J.X.\* & Zan, H. The "model minority" myth: Asian American middle class before, during, and after the Great Recession. Paper presented at 10<sup>th</sup> Biennial Conference of Asian Consumer and Family Economics Association. Hong Kong.
- Lillard, D., Molloy, E., & Zan, H.\* The effects of television and magazine alcohol advertising on liquor consumption. Paper presented at 39<sup>th</sup> Annual Research Society on Alcoholism Scientific Meeting. New Orleans, LA and 6<sup>th</sup> Biennial Conference of the American Society of Health Economist. Philadelphia, PA. Poster presented at Population Association of America annual conference. Washington DC.
- Fan, J.X. & Zan, H.\* What happened to the American middle class? Evidence from the Consumer Expenditure Surveys 1988-2014. Paper presented at American Council of Consumer Interest annual conference. Arlington, VA.
- 2015 Zan, H.\* Out-of-pocket health care costs of the community dwelling elders with cognitive impairment. Paper presented at American Council of Consumer Interest annual conference. Clearwater Beach, FL.
- Zan, H.\*, & Fan, J. X. Acculturation and physical activity of U.S. men: Evidence from the National Health and Nutrition Examination Survey 2003-2006. Poster presented at Population Association of America annual conference. San Diego, CA.
- 2014 Lillard, D.\*, Molloy, E., & Zan, H. Does exposure to alcohol advertising cause people to drink and drive? Paper presented at American Society of Health Economists conference. Los Angeles, CA.

- Lillard, D., Molloy, E., & Zan, H.\* Television and magazine alcohol advertising: Exposure, targeting, and trends. Paper presented at Population Association of America annual conference. Boston, MA.
- Zan, H.\*, & Scharff, R.L. Labor market decisions of mothers with chronically ill children. Paper presented at American Council of Consumer Interest annual conference. Milwaukee, WI.
- 2013 Zan, H.\* Labor market decisions of mothers with chronically ill children. Invited seminar at Center on the Family, University of Hawai'i at Mānoa. Honolulu, HI.
- Zan, H.\* The impact of financial and time burden of caregiving to children with chronic conditions on mothers' employment. Poster presented at American Council of Consumer Interest annual conference. Portland, OR.
- 2012 Zan, H.\* Financing healthcare for children with chronic conditions. Poster presented at American Council of Consumer Interest annual conference. Memphis, TN.
- 2011 Zan, H.\*, & Hanna, S.D. The impact of poor health on household delinquency. Poster presented at American Council of Consumer Interest Conference. Washington DC.
- 2010 Scharff, R.L.\*, & Zan, H. Regional variation in the value of statistical life: Implications for cost of foodborne illness estimates. Paper presented at the annual meeting of the Society for Risk Analysis. Salt Lake City, UT.
- Zan, H.\*, & Scharff, R.L. Regional differences in value of statistical life. Paper presented at the 80<sup>th</sup> annual conference of the Southern Economic Association. Atlanta, GA.
- Hanna, S. D.\*, & Zan, H. Patterns of household overspending. Invited presentation at Consumer Expenditure Survey Data Users' Forum at the Bureau of Labor Statistics in Washington DC.
- 2008 Zan, H, & Hanna, S. D.\* Racial/ethnic discrepancies in household overspending. Paper presented at The 22<sup>nd</sup> Annual Meeting of Academy of Financial Services, Boston, MA.
- Zan, H.\*, & Fan, X. J. Cohort effects of household expenditures on food away from home. Paper presented at American Council of Consumer Interest and American Agriculture Economics Association Conference. Orlando, FL.
- 2003 Zan, H., & Deng, X.\* Discuss: Corporate governance as an embracement of business ethics. Invited presentation at Corporate Governance for the New Generation Youth Summit, Hong Kong.