

Catherine K. Y. Chan
College of Tropical Agriculture and Human Resources
Dept. of Natural Resources and Environmental Management

Education

<u>Degree</u>	<u>University</u>	<u>Major</u>
B.A.	Southern Illinois University	Microbiology
M.S.	Southern Illinois University	Plant and Soil Sciences
Management Diploma	American University	Business Administration
Ph.D.	University of Missouri	Agricultural Economics (Concentration: International Development)

Lifetime and Fellow Achievement Awards (peer nominated)

2022	UH Excellence in Teaching Nominee
2021	Recipient of CTAHR Excellence in Extension (Team award)
2021 to Present	Associate Editor, Food Economy
2017	Recipient of CTAHR Excellence in International Programs Award
2012	Honorary Doctorate. Agricultural University of Tirana. Albania

Professional Appointments

<u>Dates Employed</u>	<u>Title</u>	<u>Employer</u>
Sept 2023 to Present	Associate Dean for Academic and Student Affairs (interim)	College of Tropical Agriculture and Human Resources, University of Hawaii at Manoa, Honolulu, Hawaii
August 2004 to Present	Professor of the Department of Natural Resources and Environmental Management	College of Tropical Agriculture and Human Resources, University of Hawaii at Manoa, Honolulu, Hawaii
August 2009 to July 2019	Chair of the Department of Natural Resource and Environmental Management	College of Tropical Agriculture and Human Resources, University of Hawaii at Manoa, Honolulu, Hawaii
June 2012 to 2015	Project Director	USAID/HED: University Partnership on Linking Entrepreneurship and Agricultural Potential to promote Job Opportunities for Business Scale-Up for Mindanao
2012	Honorary Doctorate	Agricultural University in Tirana. Albania.
Dec 2009 to 2014	Project Director	USAID/SANREM: Sustainable Management of Agroecological Resources for Tribal Societies (SMARTS) in India and Nepal. Ftf Innovation Lab
August 2008 to 2012	Project Director	SANREM CRSP. Albania-Hawaii Higher Education and Economic

August 2006 to July 2008	Graduate Chair of the Department of Natural Resource and Environmental Management	Development Partnership: Increasing Institutional Capacity in Agricultural Economics Grant (AHEED). College of Tropical Agriculture and Human Resources, University of Hawaii at Manoa, Honolulu, Hawaii
May 2008 to 2009 May to June 2008	Consultant Invited Lecturer, Environmental Economics	Asian Development Bank Nankai University, Tianjin, China
January 2008 to Dec 2012	Senior Fellow. China's Agriculture and Rural Area Development Research Center	Nankai University, Tianjin, China
June to July 2005	Co-PI, sponsored project in assessing the feasibility of establishing a mariculture industry in East Timor	DAI/USAID
Feb 2005, Aug 2004	Agricultural Economist, sponsored project titled: "Hawaii-Iraq Partnership for Revitalizing Agricultural Higher Education and Development"	USAID/HEAD
October to Dec 2004	Visiting Scholar, Department of Land Economy	University of Cambridge, United Kingdom
Oct 2000 to Jul 2004	Associate Dean and Associate Director for Research, College of Tropical Agriculture and Human Resources	University of Hawaii at Manoa, Honolulu, Hawaii
Oct 1995 to Oct 2000	Professor and Chair, Community Development & Applied Economics Department	University of Vermont, Burlington, Vermont
Oct 1995 to Oct 2000	Curriculum Co-chair, Family, Community and Resource and Economic Development Team	University of Vermont Extension System, Burlington, Vermont
May 1995	Lecturer	USIA sponsored program in Business Management in Nitra, Slovakia
Feb 1995 to Sept 1995	Socioeconomist	International Biotechnology Service at International Service for National Agricultural Research (ISNAR/CGIAR), The Hague, The Netherlands
May 1994	Lecturer in marketing	VOCA sponsored program in Agricultural Marketing, Plovdiv, Bulgaria
Feb 1992	Lecturer in international trade	USAID sponsored Economics Education Program, Plovdiv, Bulgaria
May 1991 to Oct 1995	Associate Professor, Department of Food and Resource Economics	University of Delaware, Newark, Delaware
July 1991 to Oct 1995	Associate Professor, Department of Animal Science and Biochemistry	University of Delaware, Newark, DE. (Joint Appointment)
Jan 1987 to Oct 1995	Assistant Professor, Food and Resource Economic Department	University of Delaware, Newark, Delaware

1980 to 1984	Graduate Research and Teaching Assistant	University of Missouri, Columbia, MO
1973 to 1974	Graduate Research Assistant	Southern Illinois University, Carbondale, IL
1984 to 1987	Industry/Economic Analyst	Farmland Industries, Inc., Kansas City, MO
1978 to 1980	Research Assistant/Administrative Consultant	USAID, Egypt
1975 to 1976	Research Assistant	Norwegian Experimental Farm, Norway
1974 to 1975	Senior Biologist	Mobay Agricultural Chemical Co., Kansas City, MO

<http://ma.noa.hawaii.edu/ctahr/aheed/Spring%202010%20Courses.html>

Courses Taught

- A. Course Number and Title (credits)
 - NREM 220 Agricultural and Resource Economics (3)
 - NREM 302 Natural Resources and Environmental Management (3)
 - NREM 494 Environmental Problem Solving (3)
 - NREM 696 Master's of Environmental Management Capstone Experience (3)
 - NREM 601 Economic Analysis of Natural Resource Management (4)
 - NREM 671 International Agricultural Development (3)
- B. Graduate Student Advisees: 24 and 4 won thesis awards.
- C. Undergraduate Honors Thesis: 2
 - Undergraduate Thesis: 1 funded by UROP.

Publications (reverse chronological order)

Books

1. Chan, C., Sipes, B. and Lee, T. (eds). 2017. Enabling Agri-entrepreneurship and Innovation: Empirical Evidence and Solutions for Conflict Regions and Transitioning Economies. CAB International. ISBN-13:978 1 78064 775 3, 214 pp.
2. Chan, C. and Fantle-Lepczyk, J. (eds). 2015. Conservation Agriculture in Subsistence Farming: Case Studies from South Asia and Beyond. CAB International. ISBN 978-1-78064-423-3, 264 pp.
3. Mulvaney, M.J., Reyes, M.R., Chan-Halbrendt, C., Boulakia, S., Jumpa, K., Sukvibool, C. and Sombatpanit, S. (eds). 2012. Conservation Agriculture in Southeast Asia and Beyond, Special Publication No. 7, World Association of Soil and Water Conservation (WASWAC), Beijing, China. ISBN 978-0-615-73926-7, 124 pp.
4. Chan-Halbrendt, C. and Fantle-Lepczyk, J. (eds). 2013. Agricultural Markets in a Transitioning Economy: An Albanian Case Study. CAB International. ISBN 978-1-78064-100-3, 266 pp.
5. Sterling, L., C. Halbrendt, and S. Kitto, eds. 1992. Biotechnology: Science and Socioeconomic Issues. Kendall/Hunt Publishing Company.

Book Chapters

1. Lai, C., C. Chan, D. Dentoni and E. Neyra. 2017. "Measuring Youth Entrepreneurship Attributes: The Case of an Out-of-School Youth Training Program in Mindanao, Philippines. Chapter 5 in *Enabling Agri-entrepreneurship and Innovation: Empirical Evidence and Solutions for Conflict Regions and Transitioning Economies*. CABI Publisher. P. 72-88.
2. Lee, T., K. Wilson, C. Chan, J. Bantilon and E. Bayona. 2017. "Coping Strategies for Youth Entrepreneurs in Conflict Areas. Chapter 6 in *Enabling Agri-entrepreneurship and Innovation: Empirical Evidence and Solutions for Conflict Regions and Transitioning Economies*. CABI Publisher. P. 89-104.
3. Paudel, B., K. Wilson, C. Chan and B. B. Tamang. 2017. "Understanding Conservation Agriculture Adopter's Information Network to Promote Innovation and Agricultural Entrepreneurship: The Case of Tribal Farmers in the Hill Region of Nepal. Chapter 12 in *Enabling Agri-entrepreneurship and Innovation: Empirical Evidence and Solutions for Conflict Regions and Transitioning Economies*. CABI Publisher. P. 183-203.
4. Paudel, B., T. Radovich, C.Chan, S. Crow, J. Halbrendt, K. Thapa and B. B. Tamang. 2014. " Potential of Conservation Agricultural Production Systems (CAPS) for Improving Sustainable Food and Nutrition Security in the Hill Region of Nepal. Chapter 3 in *Conservation Agriculture in Subsistence Farming: Case Studies from South Asia and Beyond*. CABI Publisher. P.55-76.
5. Pradhan, A., T. Idol, P.K. Kumar, K.N. Mishra, C. Chan, J. Halbrendt and C. Ray. 2014. "Effect of Tillage, Intercropping, and Residue Cover on Crop Productivity, Profitability, and Soil Fertility under Tribal Farming Situation in Odisha, India. Chapter 4 in *Conservation Agriculture in Subsistence Farming: Case Studies from South Asia and Beyond*. CABI Publisher. P. 77-94.
6. Roul, P. K., A. Pradhan, K.N. Mishra, P. Ray, T. Idol, S.N. Dash, C. Chan and C. Ray. 2014. "Assessment of Maize-based Conservation Agricultural Production Systems (CAPS) in Rainfed Uplands of Odisha, India. Chapter 5 in *Conservation Agriculture in Subsistence Farming: Case Studies from South Asia and Beyond*. CABI Publisher. P. 95-108.
7. Paudel, B., C. Chan, A. Pradhan and B. F. Reed. 2014. "Economic Potential of Conservation Agriculture Production Systems (CAPS) for Tribal Farmers in the Hill Region of Nepal. Chapter 7 in *Conservation Agriculture in Subsistence Farming: Case Studies from South Asia and Beyond*. CABI Publisher. P. 133-154.
8. Lai, C., C. Chan, A. Pradhan, B. Paudel, B. F. Reed and J. Halbrendt. 2014. "Preferences for Conservation Agriculture in Developing Countries: A Case Study on the Tribal Societies of India and Nepal. Chapter 10 in *Conservation Agriculture in Subsistence Farming: Case Studies from South Asia and Beyond*. CABI Publisher. P. 207-225.
9. Halbrendt, J., B. Paudel and C. Chan. 2014. "Gendered Implications of Introducing Conservation Agriculture (CA): A Case Study in the Hill Region of Nepal. Chapter 12 in *Conservation Agriculture in Subsistence Farming: Case Studies from South Asia and Beyond*. CABI Publisher. P. 239-257.
10. Lai, C., C. Chan-Halbrendt, H. Halbrendt, D. Naik and C. Ray. 2013. "Farmers' preference of conservation agricultural practices in Kendujhar, Odisha using the analytic hierarchy process." *Conservation Agriculture in*

Southeast Asia and Beyond. Eds. Michael J. Mulvaney, Manuel R. Reyes, Catherine Chan-Halbrendt, Stephane Boulakia, Kaesorn Jumpa, Chinapatana Sukvibool and Samran Sobatpanit. Published as WASWAC Special Publication No. 7. Bangkok, Thailand: Funny Publishing, 2013. 85-98.

11. Drini Imami, Edvin Zhllima and Catherine Chan-Halbrendt. "Consumer Preferences for Selected Agricultural Products in Albania". Chapter 8 in *Agricultural Markets in a Transitioning Economy: An Albanian Case Study*. CABI Publisher. P. 127-147.
12. S.Z. Li and C. Chan-Halbrendt. "Conversion Technologies for Biofuels and Development Roadmap" in Sustainable Development of Energy Crops in the People's Republic of China. 2009. ADB.
13. Halbrendt, C., L. Sterling, S. Snider and G. Santoro. "Contingent Valuation of Consumers' Willingness to Purchase Lower Saturated Fat Pork." in Valuing Food Safety and Nutrition 1995. Westview Press.
14. Halbrendt, C., J. Pesek, A. Parsons, and R. Lindner. "Conducting Consumer Preference Survey using Conjoint Analysis in Shopping Centres: The Case of Australian pST-supplemented Pork." in Valuing Food Safety and Nutrition 1995. Westview Press.
15. Halbrendt, C. "Public Perception of Genetically Engineered Food Products." in Biotechnology: Science and Socioeconomic Issues. 1992. Kendall/Hunt Publishing Company.

Conference Proceedings

1. Paudel, B., T. J.K. Radovich, C. Chan-Halbrendt, S. Crow, B.B. Tamang, J. Halbrendt and K. Thapa. "Effect of Conservation Agriculture on Maize-based Farming System in the Mid-Hills of Nepal". Humanitarian Technology: Science, Systems and Global Impact 2014, HumTech2014. Online Publication. May, 2014. Finalist for Best Paper.
2. Skreli, E., C. Chan-Halbrendt and A. Balliu. "Competitiveness of Albanian Agriculture: Value Chain Study for Fruit and Vegetable Sector in Fier Region". 19th Annual IAMA World Symposium. Online Publication, June 2009.
3. Chan-Halbrendt, C., D. Fang, F. Yang and Y. Xie. "Trade-offs between Shopping Bags Made of NonDegradable Plastics and Other Materials Using Latent Class Analysis: The Case of Tianjin, China". 19th Annual IAMA World Symposium. Online publication, June, 2009
4. Krishnankumar, J., C. Chan-Halbrendt, P. Sullivan and K. Love. "The Willingness and Likelihood of Grower Participation in Fresh Produce Supply Chain Management: Special Focus on the Hawaiian Avocado Industry". 17th Annual IAMA World Symposium. Online publication. June, 2007
5. Wood, T. R., C. Chan-Halbrendt and R. Bowen. "Economic Feasibility of a Mariculture Enterprise in a Transitional Economy: A Case for Grouper in East Timor". 17th Annual IAMA World Symposium. Online publication. June, 2007
6. Chan-Halbrendt, C., J. Halbrendt and Flavia DaSilva. "Restaurant Demand for Live Cultured Grouper in East Timor". 16th Annual IAMA World Symposium. Online publication. June, 2006.
7. Dodd, A., C. Halbrendt, C. Nicholson, W. Zheng and B. Resosudarmo. "Farm-level Financial Impact of Controlling Phosphorus Loading to Surface Water: Dairy Farms in Vermont" AARES 2001.

8. Liang, Chyi-lyi (Kathleen), Catherine Halbrendt and Lauren King, "Assets and Constraints Relating to the Location Decisions to Small Manufacturing Businesses in Vermont." American Journal of Agricultural Economics, (2000) Volume 81, Number 5, Proceedings pp 1289.
9. Lin, Tun, Chyi-lyi (Kathleen) Liang, Catherine Halbrendt and Nancy Wood, "The Impacts of the Tourism Sector on Vermont Economy: The Input-Output Analysis." American Journal of Agricultural Economics, (2000) Volume 81, Number 5, Proceedings, pp 1312.
10. Halbrendt, C, M. Lucas, P. Sullivan, and Y. Zheng, "A Framework for Matching Communities with Businesses in Planning for Sustainable Economic Development," Proceedings of the 2000 Annual Midwest Meeting of the Decision Sciences Institute. Chicago, March-April, 2000.
11. King, Lauren, Catherine Halbrendt, Chyi-lyi (Kathleen) Liang and Karen Robinson, "Identifying Assets and Constraints to Small Business Manufacturers in Vermont." Proceedings, 23rd National Small Business Consulting Conference, Small Business Institute Director's Association, (1999) pp 161-167.
12. King, Lauren, Catherine Halbrendt, Chyi-lyi (Kathleen) Liang and Karen Robinson, "Community Assets and Linkages to Small Business Location Decision – A Case Study in Vermont," electronic version, the 31st Community Development Society Annual Meeting Proceedings, (1999).
13. Buescher, M., Halbrendt, C., Sullivan, P., Zheng, Y. "Community-business Matching: A New Model for Rural Economic Development." Proceedings of the Annual Meeting of American Agricultural Economics Association, Nashville, Tennessee, August 8-10, (1999).
<http://agecon.lib.umn.edu/aaca99/sp99bu01.pdf>. 81 (5): 1282.
14. Sullivan, P., Sung, J., Halbrendt, C., Buescher, M. "Use of Information Sources in Location Decisions by SME's." Proceedings of the International Council for Small Businesses 44th World Conference CD ROM, Naples, Italy, June 20-23, (1999).
15. Halbrendt, C., K. Robinson, and J. Sung. "Market Discovery: Potential for Yogurt Cheese Ventures in New England. Proceedings of the ninth ENDEC World Conference. Singapore, August 15-18, 1999.
16. Sullivan, P., Halbrendt, C., Buescher, M. "Small Business Location Considerations for Agriculture and Forestry Sectors." Proceedings of the International Council for Small Businesses 43rd World Conference, Singapore, June 8-10, (1998).
17. Sung, J., P. Sullivan, C. Halbrendt and Q. Wang. "An Exploratory Study of How Rural Females View Success." Proceedings of the 43rd World Conference of the International Council for Small Business, Singapore. 1998.
18. Buescher, M., Halbrendt, C., Sullivan, P. "Rural SME Development in the University Curriculum." Conference Proceedings Higher Education and SME's EURO PME, Rennes, France, March 18-20 (1998).

19. Mole, M., C. Halbrendt, Q. Wang and J. Kolodinsky. "Willingness to Pay for Hemp Based Products: Evidence from a Consumer Survey." Bioresource Hemp 97: Proceedings of the Second Bioresource Hemp Symposium, Hurth: Nova Institute, Frankfurt, Germany, 1997, pp. 542-549.

20. Sullivan, P., E. Scannell, Q. Wang and C. Halbrendt. "Small Entrepreneurial Business: A Potential Solution to Female Poverty in Rural American." Entrepreneurship: The Engine of Global Economic Development vol.2. Proceedings of the 42nd ICSB World Conference, San Francisco, CA., June: Section 3, Paper 8, 1997.

21. Wang, Q., C. Halbrendt and S. Webb. "Consumer Demand for Organic Foods in Urban China: Evidence from Survey Data." Agricultural Production and Nutrition: Proceedings of an International Conference, W. Lockeretz, ed., Tufts University, 1997.

22. Wang, Q., C. Halbrendt and N. Caron. "Differences between Retailer and Consumer Concerns about Seafood Safety: Evidence from Survey Data." The Economics of Reducing Health Risk From Food (Proceedings of the NE-165 Conference, June 6-7, 1995, Washington, D.C.). J.A. Caswell, ed., Storrs: University of Connecticut, pp. 141-148.

23. Wang, Qingbin, C. Halbrendt, and H. Jensen. "Cigarette Consumption in China: Implications for Public Health and Trade." Consumer Interests Annuals, 41 (1995): 135-140.
24. Halbrendt, C., Parsons, A., Pesek, J. and R. Lindner. "Analysis of Australian Consumer Preference for PST-pork products", IAAE Occasional Paper No. 7, 1994, in press.

25. Aull-Hyde, R.L., Halbrendt, C. and Dee A. Dunkers. "Incorporating Experience Levels in Composite Judgements Within the Analytical Hierarchy Process", Northeast Decision Sciences Institute Proceedings, 1994, in press.

26. Halbrendt, C., R. Gana, and S.E. Webb. "Impact of Market Reform on China's Regional Agricultural Trade." Atlantic Economic Journal Best Paper Proceedings. June, 1994.

27. Webb, S., C. Halbrendt, R. Gana and F. Tuan. "An Application of a Spatial Equilibrium Model to Analyze the Impact of China's Trade of a Policy Change." Regional Project Publication. (Accepted)

28. Halbrendt, C., S. Snider and Gail Santoro. "Willingness to Consume and Pay for Pork Products Low in Saturated Fat." Proceedings of the 1993 Conference on Valuing Food Safety and Nutrition, Alexandria, Virginia, June, 1993.

29. Halbrendt, C., J. Pesek, A. Parsons and R. Lindner. "Conducting Consumer Preference Survey Using Conjoint Analysis in Shopping Centres: The Case of Australian pST-supplemented Pork." Proceedings of the 1993 Conference on Valuing Food Safety and Nutrition, Alexandria, Virginia, June, 1993.

30. Gempesaw II, J.R. Bacon, V. Varma and C. Halbrendt. "An Economic Simulation Analysis of Biotechnology Adoption in Hog Production." Proceedings of the 1993 IASTED International Conference on Modeling and Simulation, Pittsburgh, Pennsylvania, May, 1993, 564-567.
31. Aull-Hyde R., C. Halbrendt, and C. Gempesaw. "An Application of Fuzzy Mathematics to Group Decision Processes." Proceedings of the 1992 National Decision Sciences Institute
32. San Francisco, CA, November, 1992, pp.1012-1014.
33. Halbrendt, C., C. Gempesaw, R. Gana, and S. Webb. "Trade Policy Decisions Using a Multi-Product Spatial Equilibrium Approach." Proceedings of the 1992 National Decision Sciences Institute. San Francisco, CA, November, 1992, pp. 1127-1129.
34. Aull-Hyde, R., C. Halbrendt and D. Dunkers. "Identifying Critical Production Requirements in New Industries: An Application in Aquaculture." Proceedings of the 1992 Northeast Decision Sciences Institute. Cambridge, MA, April 1992, pp 293-296.
35. McClain, E., C. Halbrendt, J. Sherbourne and C. Gempesaw II. 1992 "Subsidies and Cattle Production in the Amazon: An Economic Policy Analysis." Issues in Agricultural Development, International Association of Agricultural Economists Occasional Paper Series no. 6, M. Bellamy and B. Greenshields, eds., Dartmouth Publishing Co., Aldershot, UK. pp. 183-189.
36. Halbrendt, C., S. Leetmaa and C. M. Gempesaw II. 1991. "Forecasting Export Demand for the Delaware River Port System." Proceedings of the 33rd Annual Meeting of the Transportation Research Forum. pp. 247-256.
37. Gempesaw, C. M. and C. Halbrendt. 1991. "The Financial Impacts of Biotechnology on Hog Production: A Dynamic-Stochastic Capital Budgeting Simulation Approach." Proceedings of the 1991 Winter Simulation Conference of the Society for Computer Simulation International. Phoenix, Arizona, December, 1991, 841-845.
38. Halbrendt, C., L. Sterling, W. Florkowski, C. Huang and W. Stoughton. 1989. "Consumer Attitudes Toward Pork Produced with Recombinant pST." American Council on Consumer Interest Proceedings. pp.18-22.
39. Limin Kung and C. Halbrendt. "Short- and Long-Term Implications of Bovine Somatotropin for the Dairy Industry." Proceedings of the Western Nutrition Conference. 1988, pp. 11-13.

Refereed Journal Publications
Refereed Article

1. Beyer, L., C. Chan, P. LaPorte and C. Lee. (2023). Assessing high school students' perceptions and preferences for aquaculture versus wild-caught seafood: The case of O‘ahu, Hawai‘i. World Aquaculture Society. Open access. <https://doi.org/10.1111/jwas.12949>
2. Lee, D., M. A. Johnson, L. F. Aristizábal, S. Shriner, C. Chan, S. Miyasaka and M. Wall. (2023). Economic Benefits from Managing Coffee Berry Borer (*Hypothenemus hampei*) in Hawaii. *Insects* 2023, 14, 350. <https://doi.org/10.3390/insects14040350>
3. Widanage, R., C. Chan, Y. Tsang, B. Sipes, H. Melakeberhan, A. Sanchez and A. Mejia. (2022). Enhancing Technical Efficiency and Economic Welfare: A Case Study of Smallholder Potato Farming in a Western Highlands of Guatemala. *Economia Agro-alimentare/Food Economy - Open Access*, 24(1). <https://doi.org/10.3280/ecag2022oa13227>.
- 3 Zhllima, E., Imami, D., Bytyqi, N., Canavari, M., Merkaj, E., & Chan, C. (2020). Emerging Consumer Preference for Wine Attributes in a European Transition Country – the Case of Kosovo. *Wine Economics and Policy*, 9(1), 63-72. <https://doi.org/10.36253/web-8285>
- 4 Cela, A, E. Zhllima, D. Imami, E. Skrelli, M. Canavari and C. Chan. (2019). Analysis of urban consumer preferences for honey in the context of a transition economy-the case of Albania. *Die Bodenkultur-Journal of Land Management, Food and Environment*. (2019) 70(4) 237-248.
6. Cela, A, E. Zhllima, E. Skrelli, D. Imami and C. Chan. Consumers Preferences for Goatkid Meat: The Case of Urban Albanian Consumers. (2019). *Studies in Agricultural Economics*. 121 (2019) 127-133. <https://doi.org/10.7896/j.1917>
7. Mishra, S.N., B.C. Benupani, T. Masuda, U. Mohapatra, P.K. Roul, C. Chan Halbrendt and S. Mohapatra. An Economic Assessment on CAPS Adoption in Odisha (India). *International Journal of Current Microbiology and Applied Sciences*. 2018. <https://doi.org/10.20546/ijcmas.2018.704.334>
8. Chan, C., B. Sipes, A. Ayman, X. Zhang, P. LaPorte, F. Fernandes, A. Pradhan, J. Chan-Dentoni and P. Roul. Efficiency of conservation agriculture production systems for smallholders in rainfed uplands of India: A transformative approach to food security. *Land* <https://doi.org/10.1016/j.agsy.2017.01.002>
9. Imami, D., Skreli, E., Zhllima, E., & Chan, C. (2017). Consumer attitudes towards organic food in the Western Balkans – the case of Albania. *Economia Agro-alimentare/Food Economy*, 19(2), 2017, doi:10.3280/ECAG2017-002002
10. Lowell, E., K. Wilson, J. Wiedebeck, C. Chan, J.B. Friday, N. Evans. Consumer preference study of Characteristics of Hawaiian Koa Wood Bowls. *BioProducts Business*. 2(5), 2017, pp 42-51.
11. Skreli, E. D. Imami, C. Chan, M. Canavari, E. Zhllima and E. Pire. Assessing consumer preferences and willingness to pay for organic tomatoes in Albania: a conjoint choice experiment study. *Spanish Journal of Agricultural Research*. 15/4 e0114. https://doi.org/10.5424/sjar/2017_153-9889.
12. Pradhan, A. C. Chan, P. K. Roul, J. Halbrendt and B. Sipes. Potential of conservation agriculture (CA) for climate change adaptation and food security under rainfed uplands of India: A transdisciplinary approach. *Agricultural Systems*. 2017. <http://dx.doi.org/10.1016/j.agsy.2017.01.002>
13. Imami, D, E. Skrelli, E. Zhllima, M. Canavari, C. Chan and A. Cela. (2016). Analysis of consumers' preferences for typical local cheese in Albania applying conjoint analysis. *New Medit* 3(2016), pp 49-55.
14. Grafeld, S., K. Oleson, M. Barnes, M. Peng, C. Chan, M. Weijerman. Divers' willingness to pay for improved coral reef conditions in Guam: An untapped source of funding for management and conservation? *Ecological*

Economics. <https://doi.org/10.1016/j.ecolecon.2016.05.005>

15. Imami, D., E. Skreli, C. Chan-Halbrendt, E. Zhllima, M. Canavari and A. Cela. Analysis of consumers' preferences for typical local cheese in Albania applying conjoint analysis. *New Medit.* 15/3 (2016): 49-55.
16. Paudel, B., T. J. Radovich, C. Chan, S. E. Crow, J. Halbrendt, G. Norton, B. B. Tamang, and K. Thapa. Bio-economic optimization of conservation agriculture production systems (CAPS) for smallholder tribal farmers in the hill region of Nepal. *Journal of Soil and Water.* 71(2) (2016): 103-117.
17. Zhllima, E., C. Chan-Halbrendt, E. Merkaj, D. Imami, A. Vercuni, and I. Qinami. "Analysis of Consumer Preference for Table Olives – The Case of Albanian Urban Consumers. *Journal of Food Products Marketing.* 21(5) (2015) 521-532.
18. Krishnakumar, J., P. Sullivan, C. Chan-Halbrendt. "Effects of Label on Consumer Preferences: Focus on Hawaiian Avocado Industry". *Journal of Food Products Marketing.* 20/4 (2014): 325-344.
19. Reed, B., C. Chan-Halbrendt, B.B. Tamang and N. Chaudhary. " Analysis of Conservation Agriculture Preferences for Researchers, Extension Agents and Tribal Farmers in Nepal". *Agricultural Systems.* 127 (5/2014): 90-96.
20. Sullivan, P., C. Chan-Halbrendt and J. Krishnakumar. "Are Farmers' Market Only Shoppers Different than Cross-Shoppers? The Case of Hawaiian Avocados Purchasers." *Journal of Food Products Marketing.* 19/5 (2013): 363-375.
21. Zhllima, E., C. Chan-Halbrendt, Q. Zhang, D. Imami, R. Long, L. Leonetti and M. Canavari. "Latent Class Analysis of Consumer Preferences for Wine in Tirana, Albania." *Journal of International Food and Agribusiness Marketing.* 24/4 (2012): 321-338.
22. Aparicio, N.A., C. Lai and C. Chan-Halbrendt. "'DOSSA', Highway to Energy Self-sustainability: A Case Study". *Applied Energy,* 97(2012): 217-224.
23. Lai, C., C. Chan, J. Halbrendt, L.Shariq, P. Roul, T. Idol, C.Ray and C. Evensen. "Comparative Economic and Gender Labor Analysis of Conservation Agriculture Practices in Tribal Villages in India". *IFAMA,* 15/1 (2012): 27-40.
24. Zhllima, E., A. Vercuni, I Tabaku, D. Imami, C. Chan-Halbrendt and E. Merkaj. " Consumer Preferences for Table Olives in Tirana." *Albanian Journal of Agricultural Sciences,* 2/11 (2012):
25. Barnes, M., C. Chan-Halbrendt, Q.Zhang, N. Abejon. Consumer Preferences and Willingness To Pay for Non-Plastic Food Containers in Honolulu, USA". *Journal of Environmental Protection.* 2 (2011) :101-110.
26. Imami, D., C. Chan-Halbrendt, Q. Zhang, E. Zhllima. "Conjoint Analysis of Consumer Preferences for Lamb Meat in Central and Southwest Urban Albania". *IFAMA,* 14/3 (2011): 111-126.
27. Krishnakumar, J. and C. Chan-Halbrendt. "Consumer Preferences for Imported Kona Coffee in South India: A Latent Class Analysis" *IFAMR* 13/4 (2010):97-116 Top 10 Best Paper at the IAMA Conference.
28. Chan-Halbrendt, C., E. Zhllima, G. Sisior, Drini Imami and L. Leonitti. "Consumer Preference for Olive Oil: The Case Tirana, Albania." *IFAMR* 13/3 (2010):55-74. Top 10 Best Paper at the IAMA Conference.
29. Mane-Kapaj, A., I Kapaj, C. Chan-Halbrendt and O. Totojani. "Assessing the Comparative Advantage of Albanian Olive Oil Production." *IFAMR* 13/1(2010):15-26.
30. Chan-Halbrendt, C., T. Lin, F. Yang and G. Sisior. "Hawaiian Residents' Preferences for Miconia Control Program Attributes Using Conjoint Choice Experiment and Latent Class Analysis." *Environmental Management* . Published online 23 December, 2009.

31. Sheild, L. D., C. Gopalakrishnan and C. Chan-Halbrendt. "Aligning Stakeholders' Preferences with Public Trust in Managing In-Stream Flow: The Case of Hawai'i". Water Resources Development 25/4 (2009):653-675.
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34. Snider, C. Halbrendt and L. Sterling. "Consumers' Diet and Health Awareness and Practices." AHEA 1992.
35. Shwu-Eng Webb, C.K. Halbrendt, and R. Gana. "An Application of a Spatial Equilibrium Model to Analyze China's Interregional Trade: Implication for International Agricultural Markets." AJAE 74(5) December 1992 p.1291.

36. Aull-Hyde R., C. Halbrendt, and C. Gempesaw. "Ranking Aquaculture Growth Constraints Using Fuzzy Mathematics." AJAE 74(5) December 1992 p.1298.
37. Halbrendt, C., J. Pesek and J. R. Bacon. 1990. "Conjoint Analysis of Market Preferences for Aquaculturally Produced Hybrid Striped Bass in the Mid-Atlantic Region." AJAE. In Press.
38. Wirth, F. F., C. Halbrendt and G. F. Vaughn. 1990. "Conjoint Analysis of the Mid-Atlantic Food-Fish Market for Farm-Raised Hybrid Striped Bass." NJARE. 19(2) October 1990 p.147.
39. Halbrendt, C., E. McClain, J. Sherbourne and C. M. Gempesaw II. 1990. "Subsidies and Cattle Production in the Amazon: Economic Analysis and Implications for the Future." NJARE. 19(2) October, 1990 p.151.
40. Halbrendt, C., L. Sterling and W. Stoughton. 1989. "Benefits from Recombinant Porcine Somatotropin (PST) to Consumers and Producers in the Hog-Pork Industry." AJAE 71 (5):1353.
41. Halbrendt, C., S. Kitto and L. Sterling. 1989. "The Effects of Education on the Attitudes of College Students Towards Biotechnology." AJAE 71(5):1349.
42. Florkowski, F., C. L. Huang, and C. Halbrendt. 1989. "Perception of Food Safety and Meat Consumption in Atlanta Metro Area." AJAE 71(5):1362.
43. Hearn, D., C. Halbrendt and G. Cole. 1989. "The Impact of Economic Growth on Agricultural Trade Patterns: The Case of the Philippines and Bangladesh." NJARE 18(2):171.
44. Halbrendt, C. and L. Sterling. 1989. "Public Attitudes Toward Using Recombinant Porcine Somatotropin (PST) to Produce Pork: A Logit Analysis." NJARE 18(2):171.
45. Halbrendt, C., W. Stoughton, L. Sterling and C. M. Gempesaw II. 1989. "A Quantification of the Economic Impacts of PST on the U.S. Hog-Pork Industry." SJAE 21(1):188.
46. Halbrendt, C., C. M. Gempesaw II and C. S. Chen. 1989. "A Spatial Equilibrium Model of Interprovincial Rice Trade in China." SJAE 21(1):177.
47. Halbrendt, C., C. Gempesaw II, M. Blase and R. Glenndenning. 1988. "Focus and Trends of the American Journal of Agricultural Economics: 1961-1985." AJAE 70(5):1212.
48. Halbrendt, C., J. Mackenzie, C. M. Gempesaw II and A. Perez. 1988. "Modeling China's Wheat Economy Via 3SLS and Stochastic Coefficients." NJARE 17(2):182.
49. Halbrendt, C., J. Mackenzie and C. M. Gempesaw II. 1988. "The Effects of Post-Mao Policies on China's Rice Economy." SJAE 20(1):192.
50. Gempesaw II, C. M., J. R. Bacon, C. Halbrendt and J. Richardson. 1988. "Impact of Growth Regulators on Broiler Farm Profitability." SJAE 20(1):201.
51. Bacon, J. R., C. M. Gempesaw II, and C. Halbrendt. 1988. "A National Survey of Current Economic and Production Conditions in the Broiler Industry." Poultry Science Journal (Supplement) 67: 50.
52. Halbrendt, C., and M. Blase. 1987. "Impact Assessment of Biotechnological-Based Inputs on Nitrogen Fertilizer Demand." SJAE 19(1):130.
53. Sterling, L., C. Halbrendt, and S. Kitto. 1989. "Biotechnology: Science and Socioeconomic Issues Introductory Course on Biotechnology in Agriculture." Journal of Animal Science 67 (Supplement 1):588.

Extension Publications

Experiment Station Bulletins:

1. Leetmaa, S. and C. Halbrendt. 1993. "Forecasting of the Demand for Exports from the Delaware River Port System: A Major Trading Partner Import Demand Based Approach." University of Delaware Agricultural Experiment Bulletin No. 498.
2. Bacon, J. R., C. Halbrendt, C. M. Gempe II. 1990. "A Survey of Production and Economic Trends: Contract Broiler Growout Analysis." University of Delaware Agricultural Experiment Bulletin No. 489.
3. Wirth, F. F., C. Halbrendt, and G. F. Vaughn. 1990. "Conjoint Analysis of the Mid-Atlantic Food-Fish Market for Farm-Raised Hybrid Striped Bass." University of Delaware Agricultural Experiment Bulletin No. 488.

Technical Papers:

1. Chan-Halbrendt, C., J. Krishnakumar, Q. Zhang, and K. Love. 2010. Advancing Sales of Hawaii-Grown Avocado Through Labeling. CTAHR publication F_N-16. <http://www.hawaiifruit.net/avofinal.pdf>.
2. Barber, Silvia, G., C. Chan-Halbrendt, J. Krishnakumar, T. Radovich and K. Love. "Hawaii Avocado Industry Analysis: Part 2: Buyer Preference Focus". University of Hawaii, Cooperative Extension Service. Economic Issues. July 2008.
3. Chan-Halbrendt, C., J. Krishnakumar, K. Love and P. Sullivan. "Hawaii Avocado Industry Analysis: Part 1: Supply Focus". University of Hawaii, Cooperative Extension Service. Economic Issues. November 2007.
4. Halbrendt, C., J. Bacon, R. Aull-Hyde, J. Sparco and R.S. Pomeroy. "Prioritizing Critical Production Requirements for the Finfish Aquaculture Industry." University of Delaware, Food and Resource Economics Department Pamphlet No. 102, 1991.
5. Webb, S. and C. Halbrendt. "Estimation of Wheat Production Response Functions by Province for China: Implications for Trade." USDA/ERS. CPE Agriculture Report. Vol. IV No. 3 May/June 1991.
6. Wirth, F. F., C. Halbrendt, and G. F. Vaughn. "Mid-Atlantic Market Preferences Toward Farm Raised Hybrid Striped Bass: A Guide for the Producer." University of Delaware Cooperative Extension Pamphlet AE1 - 4/90. 1990.

Non-Reviewed Publications:

1. Chan-Halbrendt. 2007. "A Cohesive Plan and Strategy for Collaboration on Research Activities related to Emprenda Clients in the Beira Corridor". Report prepared for ACDI/VOCA in Mozambique.
2. Ako, H. and C. Chan-Halbrendt. 2005. "Feasibility of Establishing Yellow-fin Tuna and Grouper Aquaculture Industries in East Timor." Report prepared for DAI/USAID in East Timor.
3. Sullivan, P., C. Halbrendt and E. Scannell. 2000 "Exploring Female Entrepreneurship in Rural Vermont and Its Implications for Rural America". Community Economics Newsletter. July 2000. No. 285. Center for Community Economic Development, University of Wisconsin-Extension.
4. Lin, T., C. Halbrendt, and C. Liang. 1999. "The Impact of the Tourism Sector on the Vermont Economy: The Input-Output Model." Report prepared for the Vermont Agency for Tourism and Marketing.
5. Chan-Halbrendt, C., and J. Komen. 1996. "Market Assessment: A Criterion for Biotechnology Research Decision-Making". Second Conference on Agricultural Biotechnology, Jakarta, Indonesia.

6. Chan-Halbrendt, C. "Socioeconomic Considerations for Agro-Biotechnology Development". REDBIO95, Iquazu, Argentina).
7. Chan-Halbrendt, C., J. Cohen, W. Janssen and T. Braunschweig. 1996. "Improving Biotechnology Research Decision-Making with Better Procedures and Information". Assessing the Social, Economic and Environmental Impacts of Agricultural Biotechnologies in Developing Countries: An International Workshop, Ottawa, Canada.
8. Chan-Halbrendt, C. 1996. "Socioeconomic Considerations for Agricultural Biotechnology Priority Setting and Planning". Proceedings of the Policy Seminar on Agricultural Biotechnology for East and Southern Africa, South Africa, pp 92-102.
9. Halbrendt, C. 1991. "Sustainable Land Use and Sustainable Development: Critical Issues: Discussion." Issues in Agricultural Development. I.A.A.E. Occasional Paper No. 6 pp. 328-329.
10. Halbrendt, C., S. Snider and L. Sterling. December 1991. "Willingness to Consume an Pay for Pork Products Lower in Saturated Fat." Technical Report Prepared for DuPont Co.
11. Halbrendt, C., K. Cera, L. Sterling and D. Hearn. 1990. "Marketing Under a Carcass Merit Buying Program: Management Strategy Guide."
12. Wirth, F. F., C. Halbrendt and G. F. Vaughn. Dec. 1989. "Mid-Atlantic Market Preferences Toward Farm-raised Hybrid Striped Bass." Report Prepared for the Delaware Department of Agriculture.
13. Halbrendt, C., R. Bacon and C. M. Gempesaw II. 1990. "Food Trade Flows of the Delaware River Port System." Journal of Food Distribution Research, Proceedings Issue 20(1):243-244.
14. Wirth, F. F., C. Halbrendt and R. Bacon. 1990. "Mid-Atlantic Preferences Toward Farm-Raised Hybrid Striped Bass." Journal of Food Distribution Research, Proceedings Issue 20(1):151-152.
15. Halbrendt, C. 1989. "Marketing, Markets, and Price Policy in China's Grain Economy: Discussion." International Association of Agricultural Economists. Occasional Paper No. 5., pp. 280-281.
16. Halbrendt, C., J. Mackenzie and J. Jones. 1988. "An Economic Analysis of the Chinese Wheat Economy." Proceedings North Central Regional Project NC-186, pp. 201-230.
17. Pulido, I., Halbrendt, C. M. Gempesaw II and J. Jones. 1988. "An Economic Analysis of China's Corn Industry." Proceedings North Central Regional Project NC-186, pp. 43-76.
18. Halbrendt, C. and J. Domanico. 1987. "Manure Management Alternatives for the Delaware Poultry Industry." Report submitted to the Office of the Lieutenant Governor of Delaware.

Popular Article:

"Are World Markets Important to Delaware's Agriculture?". Delaware Business Journal. 2(6), March 19-28, 1993. p 32.

"Mid-Atlantic Agricultural Commodities May Profit- NAFTA". Outreach. 1(6) November 1992.

"NAFTA May Be Good For Region's Farmers". Ag Decisions '93. November 10, 1992. p.11.

Presentations and Abstracts

1. Widanage, R., and Catherine, C., Preference Heterogeneity, Socio-demographic Factors, and Sustainable Agricultural Water Management: Empirical Evidence from Oahu,

Hawaii. September 30 th - October 2 nd 2022, University of Saskatchewan, Saskatoon, Canada.

2. Widanage, R., and Catherine, C., Policy Strategies for Managing Agricultural & Environmental Water in Hawai'i in O'ahu, Hawai'i, International Tropical Island Water Conference, April 12 th -15 th, 2021, Honolulu, HI.
3. Chan, C. Discussant. Organized Session. Western Balkans Agriculture and Rural Development Policies.- Between Climate Changes and EU Integration Process. XVI EAAE Virtual Conference. Raising the Impact of Agricultural Economics: Multidisciplinarity, Stakeholder Engagement and Novel Approaches. July 20-23, 2021, Prague, Czech Republic.
4. Widanage, R., C. Chan, B. Sipes, H. Melakeberhan, A. Sanchez and A. Mejia., Enhancing Productivity in the Agricultural Sector: The Case of Potato Farmers in Western Guatemala. Annual Conference of Western Agricultural Economic Association (WAEA), June 30-July 2, 2019, Coeur d'Alene, Idaho, USA.
5. Widanage, R., and C. Chan, 2019. Enhancing Agricultural Productivity, Poverty Reduction and improving Food Security: A Case of Potato Cultivation in Western Guatemala. CTAHR Student Research Symposium, April 15, 2019, UH Manoa, USA.
6. Widanage, R., C. Chan, Y. Tsang, and M. Price. Agricultural Water Pricing, Local Food Production & Wildlife Conservation: Policy Analysis of Sustainable Agricultural Water Management in Hawai'i, Hawai'i Agriculture Conference, Oct. 15-16, 2019, Honolulu, Hawai'i, USA.
7. Chan, C., R. Widanage, B. Sipes, H. Melakebehan, A. Sanchez, Y. Tsang, and A. Mejia. Enhancing Agricultural Productivity: A Case of Potato Cultivation in Western Guatemala Vegetation Diversity and Global Change. 28th Meeting of the European Vegetation Survey, September 2-6, 2019, Madrid, Spain.
8. Chan, C., J. Chan-Dentoni, P. LaPorte, B. Sipes, H. Melakeberhan, A. Sanchez and A. Mejia. Guatemalan Farmer Perceptions of Best Potato Production Practices: Using Cognitive Mapping. Annual Conference of Western Agricultural Economic Association (WAEA), June 30-July 2, 2019. Coeur d'Alene, Idaho, USA.

Professional Development and Activities

Associate Editor - *Economia agro-alimentare*. 2020 – Present

Consultant – USAID. Member of the HCTM/Foreign Service/Senior FS Promotion/Performance Boards. 2023.

Administrative Advisor -Western Regional Project W1004. “Marketing, Trade, and Management of Fisheries and Aquaculture Resources. 2003- 2004.

Consultant - VOCA sponsored program in Small Business Marketing in Slovakia. 1996.

Volunteer- VOCA. Taught Agricultural Marketing Principles to Bulgarian Municipalities' Officials. 1994

Consultant - Winrock International. Conducted workshop on research methods for evaluating sustainable agriculture. Beijing, China. 1994

Manager- USDA/NRI Competitive Grant Proposals Evaluation Panel. 1994.

Member

- Western Rural Development Center Executive Committee, 2002 – 2004.

- Western Association of Experiment Station Director's Executive Committee. 2002- 2004

- Quality of Communications Committee, American Agricultural Economics Association. 1999.

- Board Member. Northeast Resource and Agricultural Economics Association. 1994-1996.

- Editorial Council. Journal of Agricultural and Applied Economics. 1993-1996.
- Professional Relations Between China and the United States. American Agricultural Economics Association. 1993.
- Executive Committee. Northeastern Regional Aquaculture Center Marketing Workshop. 1991- 1993.
- International Committee. American Agricultural Economics Association. 1992, 1993.
- Selected Papers Committee. American Agricultural Economics Association. 1994, 1992, 1991, 1990, 1988.
- Selected Posters Committee. American Agricultural Economics Association. 1991.
- Master Thesis Award Committee. American Agricultural Economics Association. 1993, 1991.
- Master Thesis Award Committee. Northeast Agricultural and Resource Economics Association. 1990-1992.
- Selected Papers Committee. Topic Leader: International Agricultural Economics. Southern Agricultural Economics Association. 1990.
- Nominating Committee. Committee on Women in Agricultural Economics. 1990.
- Selected Papers and Symposia Committee. Northeast Agricultural and Resource Economics Association. 1988-1990.
- Resident Instruction Committee. American Agricultural Economics Association. 1988-1990.

Participant- Newly Appointed Administrators Workshop. 1997. University of Nebraska.

- Short Course on Introduction to Atlas GIS 2.0. 1994. University of Delaware.
- Teaching Retreat. Center for Teaching Effectiveness. University of Delaware, June, 1994.
- Problem-based Learning Workshop. Center for Teaching Effectiveness. University of Delaware. July, 1993.
- Valuing Food Safety and Nutrition Workshop. Alexandria, Virginia. June, 1993.
- A New Paradigm for Food, the Farm, and the Public: The Impact of Food Biotechnology. Institute for Science in Society's 1993 Food Biotechnology Conference. June, 1993.
- Applied General Equilibrium Analysis Workshop. New Orleans, Louisiana. December, 1992.
- EC 1992 Implications for World Food and Agricultural Trade Seminar. Washington D.C. November 1991.
- Competitive Strategy Analysis in the Food System Conference. Alexandria, Virginia. June, 1991.

Reviewer –

Reviewer -NWA-ORC 2020/21 Research and Innovatron Proposals. The Netherlands,

Reviewer – Mid-term Assessment of the University of Guelph's CFREF initiative: Food for Thought. 2020.

External Reviewer -

Examiner- Braunschweig, T., Ph.D. Committee. ETH Switzerland. 1999.
- Savard, M., Ph.D. Committee. University of British Columbia. 1997.
- Mr. Cheng Yuk-shing Master Thesis Committee. Hong Kong Baptist College. 1992-1993.

Service

University:

Director - Board. UHPA. University of Hawaii. 2008-2013.

Member - FACAF Academic Freedom Case. 2013

Member - University of Hawaii Review Panel. 2012.

Evaluator - Promotion Case for the Vice Chancellor. 2011.

Chair - Communication Sciences Graduate Program Review. University of Vermont, 1998.

Member - University Faculty Senate, University of Hawaii at Manoa, 2008

Member- University Faculty Senate subcommittee on Professional Matters, University of Hawaii at Manoa, 2008

- Member - Tenure and Promotion Review Committee, University of Hawaii at Manoa, 2007, 2019.
- Student Grievance Committee, University of Hawaii at Manoa, 2004-2006.
- Presidents Commission on the Status of Women. University of Vermont, 1997-2000.
- Executive Council, Graduate College. University of Vermont, 1996-1999.
- Promotions and Tenure, University of Delaware, 1994-1995.
- Council of International Programs, 1993-1994.
- Diversity and Affirmative Action Committee, University of Delaware, 1992-1995.
- Committee on Committees, University of Delaware, 1988-1990.
- International Studies, University of Delaware, 1988-1990.

Participant- Bulgarian Management Training and Economics Education Program. (Instructor). University of Delaware, March 1992.

- Delaware Preview Day for Minority Students, July 1991.

College:

Chair - Faculty Senate. 2021-2022.

- Special Director for International Programs Search Committee, University of Hawaii at Manoa, 2014-2015.

- Faculty Senate Research Committee, University of Hawaii at Manoa, 2005-2006.

- Promotions and Tenure Committee, University of Delaware, 1992-1993.

- Agricultural Engineering Department Chair Search Committee, University of Delaware, 1992-1993.

Member

Convenor -Strategic Planning Action Committee Team 4. 2013

Member -Search Committee for CTAHR Administrative Director. 2013

Member -Search Committee for CTAHR Dean. 2012, 2017.

Member

- College Faculty Senate. University of Hawaii at Manoa, 2005 – 2008, 2015-2018, 2020-2023

- College Faculty Senate Executive Committee. University of Hawaii at Manoa, 2006 -2008, 2020-2021

- Assistant Professor in Horticulture Search Committee, University of Vermont, 1999.

- Interim Dean of the Graduate College Search Committee, University of Vermont, 1998.
- Assistant Director of Extension Search Committee, University of Vermont, 1998.
- Financial Officer Search Committee, University of Vermont, 1996.
- Agricultural Scholars Selection Committee, University of Delaware, 1994.
- Awards Committee, University of Delaware, 1993.
- Promotions and Tenure, University of Delaware, 1991-1993.
- Agricultural Animal Care and Use Committee. University of Delaware, 1988-1994. Published Agricultural Animal Care and Use Handbook.
- Committee to Evaluate Food and Resource Economics Department Chair, University of Delaware, 1989.

Treasurer - Alpha Zeta Fraternity. Southern Illinois University, 1973-1974.

Co- Advisor - Alpha Zeta Fraternity. University of Delaware and Vermont, 1993 - 1995, 1998 – 2000.

Department:

- Chair - NREM Graduate Program, University of Hawaii at Manoa, 2006 -2008
 - Faculty Search Committee, University of Hawaii at Manoa, 2006 - 2007
 - Personnel Committee for Promotion and Tenure, University of Hawaii at Manoa, 2005 (Interim)
 - Seminar, University of Delaware, 1988, 1989, 1990.
 - Graduate Committee, University of Delaware, 1989, 1993.

- Member -NREM Graduate Committee 2017- 2023
 -NREM Curriculum Committee 2017-2019
 -NREM MAPS Committee 2016-2019
 - Personnel Committee for Promotion and Tenure, University of Hawaii at Manoa, 2005- 2008
 - Advisory Committee, University of Delaware, 1991-1992.
 - Promotions and Tenure, University of Delaware, 1988-1993.
 - Faculty Search Committee, University of Delaware, 1989-1990.
 - Graduate Committee, University of Delaware, 1988.

Vice-
 President- Graduate Student Association. University of Missouri. 1982.

Industry:

Member - Biotechnology Strategic Planning Sub-Committee. Farmland Industries, Inc.. 1985-1986.

Community:

- Board of Trustees - ERS. 2016- Present
 Member -Creating Livable Jobs Workbook Advisory Committee, 1999-2000.
 Board Director - Harrisburg Day-Care, Inc.. Harrisburg, Missouri. 1983-1984.

Professional:

Scientific Advisory Board Member -Economia agro-alimentare/Food Economy Journal 2021-Present.
 Public Board Member – USAID’s 2023 Foreign Service/Senior Foreign Service Promotion/Performance

Board

Graduate Students

<u>Category</u>	<u>Current Number of Students</u>	<u>Number Graduated (Career)</u>
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<i>Chair</i> of Master's Committees	1	18
<i>Chair</i> of PhD Committees	3	2
Member of Master's Committees	2	
Member of PhD Committees	1	

Grant Support

USAID's Office of Diversity, Equity, and Inclusion (DEIA) 2023. Award for technical assistance support working with Partnership Incubators to build capacity to compete for USAID sponsored grants and contracts. Co-PI.

Hawai'i Invasive Species Council/DLNR, Division of Forestry and Wildlife. \$31,680. Economic Benefit from Pest Monitoring at Hawaii Major Airports and Harbors. 2022-2023. PI.

DOFAW. \$28,275. An Economic Analysis of LFA Eradication on Maui. 2021-2022. PI.

USDA/FAS. \$81,862. Cochran Fellowship Program. Overview of U.S. Sanitary/Phytosanitary Standards and Technical Barriers to Trade for Albania. 2021-2023. Co-PI.

DOC/NOAA/Sea Grant. \$165,582. Assessing public perceptions of aquaculture and the broader impacts of K-12 aquaculture education. 2019-2022. Co-PI.

DLNR. \$147,220. Economic Benefit from Pest Monitoring at Hawaii Airport. 2017-2021. PI.

USDA. \$101,456. Economic Analysis for Areawide IPM for Coffee Berry Borer in HI and PR. Collaborator. 2020-2021.

USDA/FAS. \$43,300. Cochran Fellowship Program - Albania Fruits and Vegetables Marketing. 2016. PI.

USAID/Horticulture Innovative Lab. \$449,993. Socio economic Impacts on: Integrated and Scalable Nematode-Soil Health Management for Smallholder Potato Farming System. 2016-2019. Co-PI.

NSF/Japan Science & Technology/India Ministry of Earth Science/Wageningen UR. NSF funds \$299,894. Sustainable Management of Agro-ecological Resources for Tribal Societies 2 (SMARTS²). 2014-2016. Collaborative project under Belmont Forum and FACCE-JPI: Food Security and Land-use Change. Each country funds its respective budgets. PI.

USDA/AFRI. \$500,000. Center of Rural Agriculture Training for Entrepreneurship for the Pacific. 2013-2015. Co-PI.

USAID/HED. \$1.07 million. University Partnership on Linking Entrepreneurship and Agricultural Potential to promote Job Opportunities for Business Scale-Up for Mindanao (UPLOAD JOBS for Mindanao). 2012-2015. PI.

USAID/Colorado State University/Arizona State University. \$87,955.20. Climate Change and Livestock Management. 2012-2015. Subaward from ASU. Principal Investigator.

USAID/SANREM CRSP. \$1.38 million. Sustainable Management of Agroecological Resources for Tribal Societies (SMARTS). 2010-2015. Co-PI.

USDA/NIFA. \$156,000. University of Hawaii Fellowships for Integrated Training in Sustainable Sciences (UH-FITSS). 2010-2015. PI.

USDA/CSREES/Water Quality and Water Resources. \$490,042. Design and Evaluation of Precision Vegetative Buffer Strips as Sustainable Conservation Management Practice to Control Non-point Source Pollution in Hawaiian Watersheds. 2008-2011. co-PI.

USAID/HED. \$400,000. Albania-Hawaii Higher Education and Economic Development Partnership : Increasing Institutional Capacity in Agricultural Economics Grant (AHEED). 2008-2011. PI.

USAID/HEAD. \$3,770,000. Hawaii-Iraq Partnership for Revitalizing Agricultural Higher Education and Development. 2003-2005. Collaborator.

Coleman Foundation. \$18,850. Building REAL Learning Opportunities K-16 in Vermont. 2000-2001. PI.

USDA/SCREES/FRA. \$395,000. Balancing Economic and Environmental Impacts for Phosphorus Management in the Lake Champlain Basin. 1998-2001. Co-PI.

USDA/CSRS/National Competitive Research Initiative. \$110,490. Assessing U.S. Agricultural Market Potentials in China, Hong Kong and Taiwan. 1993-1995. PI.

Presentations at Conferences

Invited Presentations:

1. September 9, 2019. Invited Speaker. Cognitive mapping and stochastic production frontier estimation for Guatemalan potato farmers perception on innovations and efficiency. University of Tirana, Albania.
2. April 2016. Invited Speaker. Agri-entrepreneurship capacity building in Mindanao; transdisciplinary approach to transfer conservation agricultural practices for sustainable livelihoods in tribal societies in India. US Military Civil Personnel Training in Local Context Agriculture Prior to Deployment to SE Asia.
3. May 7, 2018. Invited Speaker. Are there gains for collaboration in food system research? AUT Conference. Tirana, Albania.
4. April 27-29, 2018. Invited Participant. NSF funded workshop entitled "Citizen Science and the Food System," at the University of Hawai`i-Manoa on April 27-29, 2018,
5. April 2016. Invited Speaker. Agri-entrepreneurship capacity building in Mindanao; transdisciplinary approach to transfer conservation agricultural practices for sustainable livelihoods in tribal societies in India. US Military Civil Personnel Training in Local Context Agriculture Prior to Deployment to SE Asia.

Other Presentations:

6. June, 2013. Panel Discussant. The Payment for Ecosystem Services in the Rural-Urban Fringe in Southeast Asia. 88th Annual Western Economic Association International Conference. Seattle, Washington.
7. October, 2009. Ethanol Production in China: Potentials and Technologies. International Workshop on Sustainable Energy Crops and Biofuels Development in China and Asia. Sponsored by ADB and Ministry of Agriculture, P.R. China.
8. June, 2008. Economics of Natural Resource and Environmental Management. University of Nankai, Economics Department, China.
9. June, 2008. China Biofuels Roadmap. Workshop on China Sustainable Energy Crops Development. Beijing, China.
10. February, 2008. "Value Chain Management: The Case of Hawaii Avocado Industry." Go Global: Food Processing and Safety: An International Conference.

11. July, 2006. "Valuation of Biodiversity Using Conjoint Choice Experiment: The Case of Miconia in Hawaii" Workshop on Sustainable Development and Biodiversity Conservation: Consequences of Land-Use Policy. Xishuangbanna, Yunnan, China
12. February, 2000. "Community Business Matching Model." Vermont House Commerce Committee, Montpelier, VT.
13. April, 1998. "Analysis of Student Satisfaction on Parking, Safety, and Equity Issues on Campus at the University of Vermont. Presented to the President's Commission on the Status of Women at the University of Vermont.
14. June, 1995. "Market Assessment: A Criterion for Biotechnology Research Decision-Making". Second Conference on Agricultural Biotechnology, Jakarta, Indonesia.
15. June, 1995. "Socioeconomic Considerations for Agro-Biotechnology Development". REDBIO95, Iquazu, Argentina.
16. May, 1995. "Improving Biotechnology Research Decision-Making with Better Procedures and Information". Assessing the Social, Economic and Environmental Impacts of Agricultural Biotechnologies in Developing Countries: An International Workshop, Ottawa, Canada.
17. April, 1995. "Socioeconomic Considerations for Agricultural Biotechnology Priority Setting and Planning". Turning Priorities into Feasible Programs: Regional Seminar on Planning, Priorities and Policies for Agricultural Biotechnology, Bakabung, South Africa.
18. March, 1995. "International Biotechnology Programs and Biosafety: An Overview". Biodiversity and Harmonization of Biosafety in Central America and Dominican Republic, San Jose, Costa Rica.
19. January, 1995. "Advances in Communication Technology and Biotechnology: A Look into the Future of your Farming Business". Delmarva Corn/Soybean & Vegetable Conference, Dover, Delaware.
20. January, 1995. "Potato Market and Demand Survey Results". Delmarva Corn/Soybean & Vegetable Conference, Dover, Delaware.
21. June, 1994. "All You Ever Wanted to Know about NRIGP". NAREA Annual Conference. Newark, Delaware.
22. June, 1993. "A New Paradigm for Agricultural Technology Delivery System." DuPont Company. Wilmington, Delaware.
23. February, 1993. "NAFTA: What is it? What are the Implications for the U.S.?" DuPont Company, Wilmington, Delaware.

24. January, 1993. "Australian Consumer Preference for PST-Produced Pork." SmithKline Beecham Animal Health. West Chester, Pennsylvania.
25. December, 1992. "Implications of NAFTA to the Delmarva Region." WBOC/TV 16, Salisbury, Maryland.
26. October, 1992. "Australian Consumer Preference for Genetically-Engineered Pork." Department of Food Science. University of Delaware, Newark, Delaware.
27. August, 1992. "Australian Consumer Preference for PST-Produced Pork." Australian Pig Research and Development Corporation." Perth, Western Australia.
28. July, 1992. "Consumer Preference for PST-Produced Pork." Western Australian Pork Producer Association. Perth, Western Australia.
29. June, 1992. "An Interactive Conjoint Analysis of Consumer Preference for PST-Produced Pork." Department of Agricultural Economics, University of Western Australia, Perth, Australia.
30. March, 1992. "Requirements of Agricultural Economics Undergraduate Degree." Sophia, Bulgaria.
31. February, 1992. "The Impact of China's Policies on Trade: An Application of a Spatial Equilibrium Model." USDA/Economic Research Service. Washington D.C.
32. December 1991. "Willingness to Consume and Pay for Pork Products Lower in Saturated Fat" DuPont Co., Agricultural Marketing Division.
33. August 1991. "Sustainable Land Use and Sustainable Development: Critical Issues." Discussion Opener. XXI International Conference of Agricultural Economics. Tokyo, Japan.
34. July 1991. "China Computable General Equilibrium Model" Seminar. United States Department of Agriculture/ Economic Research Service.
35. April 1991. " Spatial Equilibrium Analysis of the Chinese Wheat Industry." Seminar. Department of Agricultural Economics. University of Tennessee.
36. April 1991. " Spatial Equilibrium Analysis of the Chinese Wheat Industry." Seminar. Department of Agricultural Economics. Clemson University.
37. April 1991. "Conjoint Analysis of Hybrid Striped Bass in the Mid-Atlantic States". Seminar. Department of Agricultural Economics. Clemson University.

38. August 1990. "Modeling Agricultural Product Trade." Session Moderator. American Agricultural Economics Association Annual Meeting. Vancouver, Canada.
39. June 1990. "Impact of Bovine Somatotropin in Milk Supply and Demand." Symposium Discussant. Northeast Agricultural and Resource Economics Association Annual Meeting. Nova Scotia, Canada.
40. April 1990. "Modeling China's Grain Economy". Seminar. Department of Economics. University of Delaware.
41. October 1989. "Grain Marketing System Reform in Tunisia: Recent Developments, Proposals for Change." Discussant. The NC-186 Regional Project Meeting. Minneapolis, MN.
42. April 1989. "An Analysis of China's Economic Reform on the Wheat Industry." Seminar. Rutgers University, Department of Agricultural Economics and Marketing Seminar Series. New Brunswick, NJ.
43. December 1988. "Public Perception of Using Porcine Somatotropin (PST) to Produce Pork." Seminar. SmithKline Beckman Animal Health Products Company. West Chester, PA.
44. November 1988. "Economics in the Agricultural World." Guest Speaker. Animal Science Club. University of Delaware.
45. September 1988. "Short- and Long-term Implications of Bovine Somatotropin for the Dairy Industry." Invited Paper. The Monsanto Technical Symposium. Winnipeg, Canada.
46. August 1988. "Marketing, Markets, and Price Policy in China's Grain Economy Discussion." Discussion Opener. XX International Conference of Agricultural Economics. Buenos Aires, Argentina.
47. May 1988. "Factors Influencing Latin American Trade Expansion." Guest Speaker. Port of Wilmington. Wilmington, Delaware.
48. May 1988. "International Trade and Market Impacts on Delaware Commodities." Guest Speaker. Delaware Extension Homemakers Club. Newark, DE.
49. January 1988. "United States Agricultural Competitiveness: Historical Perspectives and Future Outlook." Luncheon Speaker. League of Women Voters of Greater Newark League Day in Dover. Dover, DE.
50. January 1988. "Need For Assessment of Benefits of New Technology." Guest Speaker. The Delaware Humanities Forum Council. Science and Technology Planning Meeting. New Castle, DE.

51. October 1987. "Poverty, Hunger and Interdependence." Opening Remarks and Moderator. World Food Day Program. University of Delaware.