

Changqi Liu

GENERAL INFORMATION

University address: School of Exercise and Nutritional Sciences
College of Health and Human Services
San Diego State University
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EDUCATION

2011–2016 **Ph.D.**, Nutrition and Food Sciences, Department of Nutrition, Food and Exercise Sciences, Florida State University, Tallahassee, FL, USA

2009–2011 **M.S.**, Animal and Food Sciences, Department of Animal and Food Sciences, University of Kentucky, Lexington, KY, USA

2004–2008 **B.E.**, Food Quality and Safety, College of Food Sciences, Sichuan Agricultural University, Yaan, Sichuan, China

PROFESSIONAL EXPERIENCE

2016– Assistant Professor, School of Exercise and Nutritional Sciences, San Diego State University, San Diego, CA, USA

2011–2016 Graduate Teaching Assistant, Graduate Research Assistant, Department of Nutrition, Food and Exercise Sciences, Florida State University, Tallahassee, FL, USA

2009–2011 Graduate Research Assistant, Department of Animal and Food Sciences, University of Kentucky, Lexington, KY, USA

PROFESSIONAL AFFILIATION

2015 American Chemical Society

2015 International Association for Food Protection

2014 The Honor Society of Phi Kappa Phi

2014 International Union of Food Science and Technology

2013 American Oil Chemists' Society

2013 Glenn Society, College of Human Sciences, Florida State University

2013 Kappa Omicron Nu – The Honor Society of Human Sciences

2010 Golden Key International Honour Society

2009 Gamma Sigma Delta – The Honor Society of Agriculture

2009 American Meat Science Association

2009 Institute of Food Technologists

AWARDS AND HONORS

2016 Florida State University (FSU) College of Human Sciences (CHS) Dean's Scholar

2015 FSU Anna Maria Erdman Scholarship

2015 FSU Florence Smith McAllister Endowed Fellowship Fund
 2015 FSU Betty M. Watts Memorial Fund for Food Science
 2015 FSU CHS Research & Creativity Day Oral Presentation First Place
 2015 Florida Statewide Graduate Student Research Symposium Research Excellence Award
 2015 Institute of Food Technologists (IFT) Toxicology & Safety Evaluation Division Graduate Student Paper Competition Second Place
 2014 IFT Quality Assurance Division Graduate Student Paper Competition Finalist
 2014 FSU Jean A. Reutlinger and Lillian H. Munn Scholarship
 2013 FSU Cora and Ross Evans Scholarship
 2013 FSU CHS Research & Creativity Day Oral Presentation Third Place
 2012 IFT Muscle Food Division Graduate Student Paper Competition First Place
 2012 North American Jiangnan University Alumni & Friends Association Best Graduate Paper Award
 2012 FSU Betty M. Watts Memorial Fund for Food Science
 2012 FSU Wilson-Sitton Scholarship
 2012 FSU Graduate School Dean's Scholarship

TEACHING EXPERIENCE

San Diego State University

2017– Experimental Food Science and Technology Laboratory (NUTR 405)
 2017– Special Study (NUTR 499)
 2016– Advanced Science of Food (NUTR 401)

California State University, Los Angeles

2017 Guest lecturer, Special Topic in Food Science: Food Proteins (FST 4540)

Florida State University

2016 Guest speaker, Seminars in Food and Nutrition Sciences (FOS 6930)
 2016 Guest lecturer, Food Science Lecture (FOS 4114C)
 2015 Guest lecturer, Food Preservation (FOS 5424)
 2015 Guest lecturer, Food Science Lecture (FOS 4114C)
 2014–2016 Food Science Laboratory (FOS 4114C)
 2013 Science of Nutrition (HUN 1201)
 2013 Food Science Lecture (FOS 4114C)
 2011–2012 Food Science Laboratory (FOS 4114C)

PUBLICATIONS

Refereed Journal Articles

1. **Liu, C.**; Chhabra, G. S.; Zhao, J.; Zaffran, V. D.; Gupta, S.; Roux, K. H.; Gradziel, T. M.; Sathe, S. K.* Comparison of laboratory-developed and commercial monoclonal antibody-based sandwich enzyme-linked immunosorbent assays for almond (*Prunus dulcis* L.) detection and quantification. *J. Food Sci.* **2017**, 82, 2504–2515.
2. Chhabra, G. S.; **Liu, C.**; Su, M.; Venkatachalam, M.; Roux, K. H.; Sathe, S. K.* Effects of the Maillard reaction on the immunoreactivity of amandin in food matrices. *J. Food Sci.* **2017**, 82, 2495–2503.

3. Su, M.; **Liu, C.**; Roux, K. H.; Gradziel, T. M.; Sathe, S. K.* Effects of processing and storage on almond (*Prunus dulcis* L.) amandin immunoreactivity. *Food Res. Int.* **2017**, *100*, 87–95.
4. Noble, K. A.; **Liu, C.**; Sathe, S. K.; Roux, K. H.* A cherry seed-derived spice, mahleb, is recognized by anti-almond antibodies including almond-allergic patient IgE. *J. Food Sci.* **2017**, *82*, 1786–1791.
5. **Liu, C.**; Chhabra, G. S.; Sathe, S. K.* Pistachio (*Pistacia vera* L.) detection and quantification using a murine monoclonal antibody-based direct sandwich enzyme-linked immunosorbent assay. *J. Agric. Food Chem.* **2015**, *63*, 9139–9149.
6. **Liu, C.**; Xiong, Y. L.* Oxidation-initiated myosin subfragment cross-linking and structural instability differences between white and red muscle fiber types. *J. Food Sci.* **2015**, *80*, C288–C297.
7. Su, M.; Venkatachalam, M.; Gradziel, T. M.; **Liu, C.**; Zhang, Y.; Roux, K. H.; Sathe, S. K.* Application of mouse monoclonal antibody (mAb) 4C10-based enzyme-linked immunosorbent assay (ELISA) for amandin detection in almond (*Prunus dulcis*) genotypes and hybrids. *LWT – Food Sci. Technol.* **2015**, *60*, 535–543.
8. Joshi, A. U.; **Liu, C.**; Roux, K. H.; Sathe, S. K.* Functional properties of select seed flours. *LWT – Food Sci. Technol.* **2015**, *60*, 325–331.
9. Dhakal, S.; **Liu, C.**; Zhang, Y.; Roux, K. H.; Sathe, S. K.; Balasubramaniam, V. M.* Effect of high pressure processing on the immunoreactivity of almond milk. *Food Res. Int.* **2014**, *62*, 215–222.
10. Su, M.; Venkatachalam, M.; **Liu, C.**; Zhang, Y.; Roux, K. H.; Sathe, S. K.* A murine monoclonal antibody based enzyme-linked immunosorbent assay (ELISA) for almond (*Prunus dulcis* L.) detection. *J. Agric. Food Chem.* **2013**, *61*, 10823–10833.
11. **Liu, C.**; Xiong, Y. L.*; Rentfrow, G. K. Kiwifruit protease extract injection reduces toughness of pork loin muscle induced by freeze–thaw abuse. *LWT – Food Sci. Technol.* **2011**, *44*, 2026–2031.

Refereed Reviews

1. Sathe, S. K.*; **Liu, C.**; Zaffran, V. D. Food allergy. *Annu. Rev. Food Sci. Technol.* **2016**, *7*, 191–220.

Non-Refereed Book Chapters

1. **Liu, C.**; Willison, L. N.; Sathe, S. K.* Recombinant allergen production in *E. coli*. In *Food Allergens: Methods and Protocols*; Lin, J. S., Alcocer, M., Eds.; Springer: New York, USA, **2017**.

PRESENTATIONS

Invited Oral Presentations

1. **Liu, C.*** 2017. Edible insects as a new dietary protein source. 108th American Oil Chemists' Society (AOCS) Annual Meeting & Expo: Orlando, FL, USA.
2. **Liu, C.**; Zaffran, V. D.; Gupta, S.; Sathe, S. K.* 2016. Tree nut detection and quantification using monoclonal antibody (mAb)-based enzyme-linked immunosorbent assay (ELISA). 107th AOCS Annual Meeting & Expo: Salt Lake City, UT, USA. Abstract ID: 67017.
3. Sathe, S. K.*; **Liu, C.**; Zaffran, V. D. 2016. Effects of food processing on tree nut allergen immunoreactivity. 107th AOCS Annual Meeting & Expo: Salt Lake City, UT, USA. Abstract ID: 67009.

4. Sathe, S. K.*; Chhabra, G. S.; **Liu, C.**; Zaffran, V. D. 2015. Effects of processing and food matrix on almond (*Prunus dulcis*) detection using murine monoclonal antibody-based sandwich enzyme-linked immunosorbent assay. 7th Pacificchem: Honolulu, HI, USA.
5. **Liu, C.**; Chhabra, G. S.; Sathe, S. K.* 2014. Almond (*Prunus dulcis*) detection and quantification using a murine monoclonal antibody-based direct sandwich enzyme-linked immunosorbent assay. International Union of Food Science and Technology (IUFoST) 17th World Congress of Food Science and Technology & Expo: Montreal, QC, Canada. Abstract ID: 2789559.

Other Oral Presentations

1. Marroquin, M. C.; Vergara Rodriguez, D. L.; **Liu, C.*** 2017. Phenolic content and antioxidant activities of red and green Sichuan Peppers. San Diego State University (SDSU) Student Research Symposium.
2. Zaffran, V. D.; **Liu, C.**; Gupta, S.; Sathe, S. K.* 2016. Immunoreactivity of select Rosaceae seed proteins. 107th AOCS Annual Meeting & Expo: Salt Lake City, UT, USA. Abstract ID: 67034.
3. **Liu, C.**; Zhao, J.; Alasvand Zarasvand, S.; Sathe, S. K.* 2015. Immunoreactivity of pistachio proteins assessed by a monoclonal antibody-based enzyme-linked immunosorbent assay. 7th Pacificchem: Honolulu, HI, USA. Abstract ID: 2262420.
4. Zaffran, V. D.; **Liu, C.**; Gupta, S.; Zhao, Q.; Sathe, S. K.* 2015. Pecan (*Carya illinoensis*) detection using a monoclonal antibody-based direct sandwich enzyme-linked immunosorbent assay. 7th Pacificchem: Honolulu, HI, USA. Abstract ID: 2262403.
5. Gupta, S.; **Liu, C.**; Zaffran, V. D.; Zhao, Q.; Sathe, S. K.* 2015. Hazelnut (*Corylus avellana*) detection using a monoclonal antibody-based direct sandwich enzyme-linked immunosorbent assay. 7th Pacificchem: Honolulu, HI, USA. Abstract ID: 2262396.
6. **Liu, C.**; Alteneiji, F.; Zaffran, V. D.; Sathe, S. K.* 2015. Effects of thermal processing on peanut detection using a monoclonal antibody-based enzyme-linked immunosorbent assay. **Oral presentation first place** at Florida State University (FSU) College of Human Sciences (CHS) Research & Creativity Day.
7. **Liu, C.**; Noble, K. A.; Willison, L. N.; Roux, K. H.; Sathe, S. K.* 2014. Immunoreactivity and cross-reactivity of select legume seed proteins. FSU CHS Research & Creativity Day.
8. **Liu, C.**; Zhang, Y.; Su, M.; Gradziel, T. M.; Roux, K. H.; Sathe, S. K.* 2013. Electrophoretic and immunological analyses of almond, peach, and related species. **Oral presentation third place** at FSU CHS Research & Creativity Day.

Poster Presentations

1. Zimmerman, K.; Kern, M.; Hong, M. Y.; **Liu, C.**; Hooshmand, S.* 2017. Acute effects of dried apple consumption on metabolic and cognitive responses in healthy individuals. Experimental Biology 2017 Annual Meeting: Chicago, IL, USA.
2. **Liu, C.**; Su, M.; Gupta, S.; Sathe, S. K.* 2016. Effect of germination on immunoreactivity of black gram and mung bean seed phaseolins. IFT 76th Annual Meeting: Chicago, IL, USA.
3. Zaffran, V. D.; **Liu, C.**; Sathe, S. K.* 2016. Immunoreactivity of cryoprecipitated amandin from thermally processed whole almond seeds. IFT 76th Annual Meeting: Chicago, IL, USA.

4. Gupta, S.; Su, M.; **Liu, C.**; Joshi, A.; Sathe, S. K.* 2016. Effect of fermentation on idli quality and immunoreactivity of black gram (*Vigna mungo*) phaseolin. IFT 76th Annual Meeting: Chicago, IL, USA. **Poster competition finalist** (American Association of Food Scientists for the Indian Subcontinent).
5. Gupta, S.; Zaffran, V. D.; **Liu, C.**; Sathe, S. K.* 2016. Physical properties and electrophoretic characterization of select Rosaceae seeds. 107th AOCS Annual Meeting & Expo: Salt Lake City, UT, USA. Abstract ID: 67056. **Poster competition third place** (Protein & Co-Products Division).
6. **Liu, C.**; Zaffran, V. D.; Sathe, S. K.* 2015. Sensitivity, specificity, and robustness of a monoclonal antibody-based direct sandwich enzyme-linked immunosorbent assay for cashew detection. International Association for Food Protection (IAFP) 104th Annual Meeting: Portland, OR, USA. Abstract ID: P1-15.
7. Zaffran, V. D.; **Liu, C.**; Sathe, S. K.* 2015. Assessment of a monoclonal antibody-based direct sandwich enzyme-linked immunosorbent assay for cashew (*Anacardium occidentale*) detection in food matrices. IAFP 104th Annual Meeting: Portland, OR, USA. Abstract ID: P1-45.
8. Gupta, S.; **Liu, C.**; Sathe, S. K.* 2015. Alpha-amylase and chymotrypsin inhibitor activities, hemagglutinating activity, and total phenols in select dry beans. IAFP 104th Annual Meeting: Portland, OR, USA. Abstract ID: P1-212.
9. **Liu, C.**; Alteneiji, F.; Zaffran, V. D.; Sathe, S. K.* 2015. Effects of thermal processing on peanut detection using a monoclonal antibody-based enzyme-linked immunosorbent assay. IFT 75th Annual Meeting: Chicago, IL, USA. Abstract ID: 10986. **Poster competition second place** (Toxicology & Safety Evaluation Division). Florida Statewide Graduate Student Research Symposium held by University of Central Florida: Orlando, FL, USA.
10. Zaffran, V. D.; **Liu, C.**; Alteneiji, F.; Sathe, S. K.* 2015. Assessment of a monoclonal antibody-based direct sandwich enzyme-linked immunosorbent assay for peanut (*Arachis hypogaea*) detection in food matrices. IFT 75th Annual Meeting: Chicago, IL, USA. Abstract ID: 10995. **Poster competition first place** (Quality Assurance Division).
11. Noble, K. A.; Willison, L. N.; **Liu, C.**; Su, M.; Sathe, S. K.; Roux K. H.* 2015. Effects of food processing and food matrix preparations on epitopes of cashew and almond 11S globulin proteins. US Department of Agriculture (USDA) Project Directors' Conference: Chicago, IL, USA.
12. **Liu, C.**; Chhabra, G. S.; Sathe, S. K.* 2014. Application of mouse monoclonal antibody-based direct sandwich enzyme-linked immunosorbent assay for almond (*Prunus dulcis*) detection in food matrices. IUFoST 17th World Congress of Food Science and Technology & Expo: Montreal, QC, Canada. Abstract ID: 2789711.
13. **Liu, C.**; Chhabra, G. S.; Alasvand Zarasvand, S.; Sathe, S. K.* 2014. Analysis of a murine monoclonal antibody-based direct sandwich enzyme-linked immunosorbent assay for pistachio (*Pistacia vera* L.) detection and quantification. IFT 74th Annual Meeting: New Orleans, LA, USA. Abstract No. 253-01. **Poster competition finalist** (Quality Assurance Division).
14. **Liu, C.**; Noble, K. A.; Willison, L. N.; Roux, K. H.; Sathe, S. K.* 2014. Immunoreactivity and cross-reactivity of selected legume seed proteins using rabbit polyclonal antibodies and legume-allergic patients' IgEs as detection antibodies. IFT 74th Annual Meeting: New Orleans, LA, USA. Abstract No. 254-02.

15. Chhabra, G. S.; **Liu, C.**; Su, M.; Venkatachalam, M.; Roux, K. H.; Sathe, S. K.* 2014. Effects of Maillard reaction on the immunoreactivity of amandin in the food matrices. IFT 74th Annual Meeting: New Orleans, LA, USA. Abstract No. 253-04. **Poster competition finalist** (Quality Assurance Division). USDA Project Directors' Conference: San Diego, CA, USA.
16. Gupta, S.; **Liu, C.**; Sathe, S. K.* 2014. Formulation, proximate composition, antinutrients and quality parameters of a high protein chickpea-based snack. IFT 74th Annual Meeting: New Orleans, LA, USA. Abstract No. 140-03.
17. Willison, L. N.; Noble, K. A.; **Liu, C.**; Su, M.; Sathe, S. K.; Roux, K. H.* 2014. Identification of conformational epitopes on the cashew 11S globulin allergen, Ana o 2, using phage display and assessment of food processing on epitope reactivity. USDA Project Directors' Conference: San Diego, CA, USA.
18. **Liu, C.**; Gupta, S.; Bakshi, J. S.; Chhabra, G. S.; Sathe, S. K.* 2013. Hemagglutinating activity, trypsin inhibitor activity, and tannin content in selected dry bean flours. IFT 73rd Annual Meeting: Chicago, IL, USA. Abstract No. 255-189.
19. Zhang, Y.; **Liu, C.**; Su, M.; Gradziel, T. M.; Roux, K. H.; Sathe, S. K.* 2013. Electrophoretic and immunological analyses of almond, peach, and related species. IFT 73rd Annual Meeting: Chicago, IL, USA. Abstract No. 255-70. USDA Project Directors' Conference: Chicago, IL, USA.
20. Dhakal, S.; **Liu, C.**; Zhang, Y.; Roux, K. H.; Sathe, S. K.; Balasubramaniam, V. M.* 2013. Effect of high hydrostatic pressure on the immunoreactivity of almond milk. IFT 73rd Annual Meeting: Chicago, IL, USA. Abstract No. 031-122.
21. Gupta, S.; **Liu, C.**; Bakshi, J. S.; Chhabra, G. S.; Sathe, S. K.* 2013. Proximate composition of commercially important dry bean flours. IFT 73rd Annual Meeting: Chicago, IL, USA. Abstract No. 255-23.
22. Zhang, Y.; Su, M.; **Liu, C.**; Roux, K. H.; Sathe, S. K.* 2013. Effect of selected phenolic compounds, sugars and thermal processing on the immunoreactivity of almond proteins. IFT 73rd Annual Meeting: Chicago, IL, USA. Abstract No. 077-05.
23. Chhabra, G. S.; Gupta, S.; Bakshi, J. S.; **Liu, C.**; Sathe, S. K.* 2013. Functional properties of twenty-two dry bean flours. IFT 73rd Annual Meeting: Chicago, IL, USA. Abstract No. 255-14.
24. Bakshi, J. S.; Chhabra, G. S.; Gupta, S.; **Liu, C.**; Sathe, S. K. 2013.* Physical properties of selected dry bean seeds. IFT 73rd Annual Meeting: Chicago, IL, USA. Abstract No. 031-25.
25. **Liu, C.**; Xiong, Y. L. 2012.* Variations in the pattern of transglutaminase-induced cross-linking between chicken myosin isoforms due to muscle fiber types. IFT 72nd Annual Meeting: Las Vegas, NV, USA. Abstract No. 277-11. **Poster competition first place** (Muscle Food Division). **Poster competition first place** at North American Jiangnan University Alumni & Friends Association.
26. **Liu, C.**; Xiong, Y. L. 2011.* Influence of muscle fiber types on oxidation-induced protein cross-linking in chicken myofibrils. IFT 71st Annual Meeting: New Orleans, LA, USA. Abstract No. 240-09.
27. **Liu, C.**; Xiong, Y. L.*; Rentfrow, G. K. 2010. Effect of kiwifruit protease extract on tenderness of pork subjected to freeze-thaw abuse. IFT 70th Annual Meeting: Chicago, IL, USA. Abstract No. 235-08.

GRANTS AND CONTRACTS

Ongoing Support:

1. **Liu, C.** (PI); Love, J. J. (Co-PI); Larom, D. L. (Co-PI); Pérez, R. L. (Co-PI); Crockett, J. S. (Coordinator). 2017. Integrating indigenous and urban farming to incentivize Latino agricultural career choices. US Department of Agriculture (USDA)-National Institute of Food and Agriculture (NIFA)-Hispanic-Serving Institutions (HSI) Education Grants Program. 09/01/2017–08/31/2019. Total award: \$250,000.
2. Kern, M. (PI); Hooshmand, S. (Co-I); Hong, M. Y. (Co-I); **Liu, C.** (Co-I). 2017. Glycemic and insulinemic responses to the Milano Green Grape. Columbine Vineyards. 08/2017–12/2017. Total award: \$10,047.
3. **Liu, C.** (PI). 2017. Nutrient composition of edible insects. Southern California Institute of Food Technologists Section (SCIFTS) Education and Research Grant. 05/17/2017–05/16/2018. Total award: \$11,681.
4. **Liu, C.** (PI). 2017. Effect of metamorphosis on nutrient composition of edible insects. San Diego State University Summer Undergraduate Research Program. 05/22/2017–08/18/2017. Total award: \$3,000.
5. Hong, M. Y. (PI); Hooshmand, S. (Co-I); Kern, M. J. (Co-I); **Liu, C.** (Co-I). 2017. Effects of fresh watermelon consumption on satiety and cardiometabolic health. National Watermelon Promotion Board. 01/01/2017–12/31/2018. Total award: \$48,000.

Completed Support:

1. **Liu, C.** 2017. San Diego State University Grants and Research Enterprise Writing Fellowship. Total award: \$3,000.
2. **Liu, C.** (PI). 2015. Purification and characterization of select allergenic glycoproteins in almond. College of Human Sciences Dissertation Award Program, Florida State University. 10/26/2015–08/06/2016. Total award: \$1,000.
3. Sathe, S. K. (PI); **Liu, C.** (Co-I). 2014. Lectin and trypsin inhibitory activity analysis of selected samples. Pharmachem Laboratories, Kearny, NJ. Total award: \$10,000.

Travel Grants:

1. **Liu, C.** 2015. Travel grant to present research at Pacificchem 2015. Congress of Graduate Students, Florida State University. Total award: \$400.
2. **Liu, C.** 2015. Travel grant to present research at Pacificchem 2015. Graduate Student Advisory Council, College of Human Sciences, Florida State University. Total award: \$300.
3. **Liu, C.** 2015. Travel grant to present a research poster at the Institute of Food Technologists (IFT) 75th Annual Meeting. Congress of Graduate Students, Florida State University. Total award: \$200.
4. **Liu, C.** 2015. Travel grant to represent Florida State University at the 2015 Florida Statewide Graduate Student Research Symposium. Graduate School, Florida State University. Total award: \$500.
5. **Liu, C.** 2014. Travel grant to present a research poster at the International Union of Food Science and Technology 17th World Congress of Food Science and Technology. Congress of Graduate Students, Florida State University. Total award: \$500.
6. **Liu, C.** 2013. Travel grant to attend the Immune Epitope Database User Workshop. La Jolla Institute for Allergy & Immunology. Total award: \$1,000.
7. **Liu, C.** 2013. Travel grant to present a research poster at the IFT 73rd Annual Meeting. Congress of Graduate Students, Florida State University. Total award: \$200.

8. **Liu, C.** 2011. Travel grant to present a research poster at the IFT 71st Annual Meeting. IFT Muscle Food Division. Total award: \$500.
9. **Liu, C.** 2010. Travel grant to present a research poster at the IFT 70th Annual Meeting. Graduate School, University of Kentucky. Total award: \$500.

CERTIFICATION AND WORKSHOPS

- 2017 USDA Opportunities and Funding Workshop, Hispanic Association of Colleges & Universities 31st Annual Conference, San Diego CA, USA
- 2017 Future of Food - Urban Ag Field Trip, Seedstock, Los Angeles, CA, USA
- 2013 Immune Epitope Database User Workshop at La Jolla Institute for Allergy and Immunology, San Diego, CA, USA
- 2010 Hazard Analysis and Critical Control Points (HACCP) Certificate Registered with HACCP Alliance
- 2009 Iron Chef Product Development Competition, 62nd Reciprocal Meat Conference, Rogers, Springdale, Fayetteville, AR, USA

SERVICE

Service for the Profession

Invited Reviewer

- 2017– Food Research International (1)
- 2017– Poultry Science (1)
- 2016– Journal of Food Science (7)

Textbook Reviewer

- 2017 The Science of Human Nutrition, University of Hawaii

Service for Professional Organizations

- 2017 Southern California Institute of Food Technologists Section (SCIFTS) Scholarship Committee
- 2016 Track reviewer for Institute of Food Technologists (IFT) session proposals
- 2009–2010 Volunteer at Bluegrass IFT Suppliers Night

Service for the University

Service for the University

- 2017 Faculty Judge for Student Research Symposium (Sessions A01, H02, and I01), San Diego State University

Service for the College

- 2016 College of Human Sciences Research & Creativity Day Oral Presentation Moderator, Florida State University
- 2014 College of Human Sciences Dissertation Award Program Reviewer, Florida State University

Service for the Department

- 2017 School of Exercise and Nutritional Sciences Faculty Search Committee, San Diego State University (Behavioral Nutrition)
- 2017 School of Exercise and Nutritional Sciences Scholarship Committee, San Diego State University
- 2013 Department of Nutrition, Food, & Exercise Sciences Faculty Search Committee, Florida State University (Nutrition)

Service for Student Organizations

2009–2010 Volunteer at Kentucky State Fair Dairy Booth, University of Kentucky
2009–2010 Webmaster of Food Science Club, University of Kentucky
2006–2007 President of Entomology Club, Sichuan Agricultural University

Service for the Community

2014–2015 North Florida Fair Bakery Judge, Tallahassee, Florida
2011 North Florida Fair Bakery Judge, Tallahassee, Florida
2008 Volunteer in Sichuan Earthquake, Guangyuan, Sichuan, China