

CURRICULUM VITAE

Amanda C. McClain

Associate Professor

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Director of the [Food Access Research for Equity in Nutrition \(FARE Nutrition\)](#) Research Lab

EDUCATION

2016 PhD	Cornell University Nutritional Sciences (Specialization: Community Nutrition. Minors: Development Sociology, Human Development)
2005 MS	The University of Memphis Human Movement Sciences (Concentration: Health Promotion)
2002 BS	University of Evansville Sports Medicine (Minor: Biology)

TEACHING AND RESEARCH POSITIONS

August 2024 – Present San Diego State University	Associate Professor School of Exercise and Nutritional Sciences
August 2018 – 2024 San Diego State University	Assistant Professor School of Exercise and Nutritional Sciences
June 2016 – July 2018 Harvard T.H. Chan School of Public Health	National Institutes of Health T32 Postdoctoral Research Fellowship Department of Nutrition
August 2013 – July 2015 Cornell University	Graduate Research Assistant (Funded by RIDGE Center for Targeted Studies (USDA Economic Research Service)) Division of Nutritional Sciences
January – May 2012 Cornell University	Graduate Assistant (Funded by Federal Formula Funds, USDA/Cornell University Agricultural Extension Station) Division of Nutritional Sciences
August 2010 – May 2016 Cornell University	Teaching Assistant Division of Nutritional Sciences

PROFESSIONAL GROWTH

Refereed Journal Articles

*student mentee

†senior author

††shared first authorship

1. **McClain, A.C.**, Castro, R.J.*, Helm, J.L., Isasi, C.R., Perreira, K.M., Mattei, J., Ayala, G.X., Mossavar-Rahmani, Y., Sotres-Alvarez, D., Daviglus, M., Van Horn, L., Talavera, G.A., & Gallo, L.C. (*In press*). Characterizing household food security status, perceived neighborhood food environment, and food shopping behaviors among caregivers of children in the Hispanic Community Health Study/Study of Latinos Youth ancillary study (SOL-Youth). *Health and Place*.
2. Montejano, J.*, Twombly, A., Gombatto, S., **McClain, A.C.**† (*In press*). Determinants of food security status and perceived hunger affecting athletic performance among NCAA division I student-athletes at a minority-serving institution. *Journal of American College Health*.
3. Smith, C.E.*, Enns, K.*, Molina, T.*, Doolan, E.*, & **McClain, A.C.**† (2025). “We didn’t turn away people”: perspectives of key informants at stakeholder agencies in San Diego County, CA in meeting the food insecurity demands during the COVID-19 pandemic. *Translational Behavioral Medicine*, 15(1), ibaf016. DOI: 10.1093/tbm/ibaf016.
4. Alver, S., Peters-Samuelson, B., Mossavar-Rahman, Y., Qi, Q., Perez-Dulzaides, R., **McClain, A.C.**, Thyagarajan, B., Daviglus, M.L., Van Horn, L., & Kaplan, R. (*In press*). Association of meal timing with obesity measures and gut microbiome characteristics: the Hispanic Community Health Study/Study of Latinos. *American Journal of Clinical Nutrition*.
5. Marian, M.*, Pérez, R.L., Reed, E., Hurst, S., Lundgren, R. **McClain, A.C.**, & Barker, K.M. (*In press*). Use of social media for activism by Mexican non-governmental organizations: thematic content analysis of posts from the 16 days of activism against gender-based violence campaign. *JMIR Infodemiology*.
6. Makarem, N., Hosalli, R., Lopez, A., Dinh, V., Caceras, B., **McClain, A.C.**, Mullachery, P., Al-Rousan, T., & Quesada, O. (2025). Status of Cardiovascular Health in United States Immigrant Population Using the American Heart Association’s Life’s Essential 8 Framework: Prevalence Estimates and Determinants. *The Lancet Regional Health – Americas*, 46, 101107. DOI: 10.1016/j.lana.2025.101107
7. Batalha, M., LeCroy M.N., Lin, J., Peters-Samuelson, B., Qi, Q., Wang, Z., Wang, T., Gallo, L., Talavera, G.A., **McClain, A.C.**, Thyagarajan, B., Daviglus, M.L., Hou, L., Llabre, M., Cai, J., Kaplan, R., & Isasi, C.R. (2025). Life-course socioeconomic status and the gut microbiome in the Hispanic Community Health Study/Study of Latinos (HCHS/SOL). *Gut Microbes*, 17(1), 2479772. DOI: 10.1080/19490976.2025.2479772.
8. Marian, M.*, Pérez, R.L., **McClain, A.C.**, Hurst, S., Reed, E., Barker, K.M., & Lundgren, R. (2025). Nutritional knowledge and practices of low-income women during pregnancy: a qualitative study in two Oaxacan cities. *Journal of Health, Population and Nutrition*, 44, 33. DOI: 10.1186/s41043-025-00776-8.
9. **McClain, A.C.** (2025). Developing a measure of nutrition security in the U.S. – current context and future opportunities. *JAMA Network Open*, 8(2), e246136. DOI: 10.1001/jamanetworkopen.2024.62136.
10. Zhang, Y., Luo, K., Peters, B.A., Mossavar-Rahmani, Y., Moon, J-Y., Wang, Y., Daviglus, M.L., Van Horn, L., **McClain, A.C.**, Cordero, C., Schneiderman, N., Floyd, J.S., Yu, B., Burk, R.D., Kaplan, R.C., & Qi, Q. (2025). Sugar-sweetened beverage intake, gut microbiota, circulating metabolites, and risk of diabetes in the Hispanic Community Health Study/Study of Latinos (HCHS/SOL). *Cell Metabolism*, 37, 1-14.

11. Swift, S., Zhu, Y., Elfassy, T., Yakes Jimenez, E., Schneiderman, N., Unruh, M., Perreira, K., Mossavar-Rahmani, Y., Daviglus, M., Lash, J., Cai, J., **McClain, A.C.**, & Myaskovsky L. (2024). Associations between diets higher in subsidized foods and incident CKD among Hispanics: The Hispanic Community Health Study/Study of Latinos. *Journal of Public Health Policy*, 45(2), 247-267. DOI: s41271-024-00482-5.
12. Dai, J., Nianogo, R., Wong, N.D, Moin, T., **McClain, A.C.**, Alver, S.K, Cordero, C., Daviglus, M.L., Qi, Q., Sotres-Alvarez, D., & Chen, L. (2024). Energy intake and dietary glycemic load in late morning and risk of type 2 diabetes: The Hispanic Community Health Study/Study of Latinos – A multi-center prospective cohort study. *Diabetes Care*, 47(9), 1673-1681. DOI: 10.2337/dc24-0564.
13. Wang, Y., Chen, G-C., Wang, Z., Kai, L., Zhang, Y., Li, Y., **McClain, A.C.**, Jankowska, M., Perreira, K., Mattei, J., Isasi, C., Llabre, M., Thyagarajan, B., Daviglus, M., Van Horn, L., Farelo, D., Maldonado, L., Levine, S., Yu, B., Boerwinkle, E., Knight, R., Burk, R., Kaplan, R., Qi, Q., & Peters, B. (2024). Dietary acculturation is associated with altered gut microbiome, circulating metabolites, and cardiovascular disease risk in U.S. Hispanics/Latinos: results from the Hispanic Community Health Study/Study of Latinos (HCHS/SOL). *Circulation*, 150(3), 215-229. DOI: 10.1161/CIRCULATIONAHA.124.069824.
14. Varela, J.J., Mattei, J., Sotres-Alvarez, D., Mossavar-Rahmani, Y., **McClain, A.C.**, Maldonado, L.E., Daviglus, M.L., & Stephenson, B.J.K. (2024). Examining generalizability across different surveys: comparing nutrient-based food patterns and their cross-sectional associations with cardiometabolic health in U.S. Hispanic/Latino adults. *Current Developments in Nutrition*, 8(7), 103797. DOI: 10.1016/j.cdnut.2024.103797.
15. Marian, M.,* Barker, K., Reed, E., **McClain, A.C.**, Lundgren, R., Hurst, S., & Pérez, R.L. (2024). Prevalence of non-consented care during the childbirth process in Mexico by geographical regions: comparing ENDIREH survey data from 2016 to 2021. *BMC Pregnancy and Childbirth*, 24, 353. DOI: 10.1186/s12884-024-06549-1.
16. Senn, M.K., Goodarzi, M.O., Ramesh, G., Allison, M.A., Graff, M., Young, K.L., Talavera, G.A., **McClain, A.C.**, Garcia, T.P., Rotter, J.I., & Wood, A.C. (2023). Associations between avocado intake and measures of glucose and insulin homeostasis in Hispanic individuals with and without Type 2 Diabetes: Results from the Hispanic Community Health Study / Study of Latinos (HCHS/SOL). *Nutrition, Metabolism and Cardiovascular Diseases*. DOI: 0.1016/j.numecd.2023.08.002.
17. **McClain, A.C.**,^{††} Johnson, C.M.,^{††} DiRado-Owens, C., & Dickin, K.L. (2023). How do Latina/o parents interpret and respond to the U.S. Household Food Security Survey Module? A qualitative cognitive interviewing study. *Journal of the Academy of Nutrition and Dietetics*, 123(10), S25-S45. DOI: 10.1016/j.jand.2023.07.007. Part of special issue, [25 Years of Food Security Measurement: Answered Questions and Further Research](#).
18. Morales, L.*, Yowell, L.*, Molina, T.*, Smith, C.*, Arizcuren, J.*, **McClain A.C.**[†] (2023). Across-agency partnerships and within-agency capacities facilitate holistic, tailored approaches to addressing food insecurity: a qualitative study. *Journal of the Academy of Nutrition and Dietetics*, 123(12), 1749-1762.e2. DOI: 10.1016/j.jand.2023.07.024.
19. Peters, B.A., Xing, J., Chen, G-C., Usyk, M., Wang, Z., **McClain, A.C.**, Thyagarajan, B., Daviglus, M.L., Sotres-Alvarez, D., Hu, F.B., Knight, R., Burk, R.D., Kaplan, R.C., & Qi, Q. (2023). Healthy dietary patterns are associated with the gut microbiome in the Hispanic Community Health Study/Study of Latinos (HCHS/SOL). *The American Journal of Clinical Nutrition*, 117(3), 540-552. DOI: 10.1016/j.ajcnut.2022.11.020.
20. Bezares, N., **McClain, A.C.**, Tamez, M., Rodriguez-Orengo, J.F., Tucker, K.L., & Mattei, J. (2023; *Online ahead of print in 2022*). Association between consumption of foods-away-from-home and diet quality in San Juan, Puerto Rico. *Journal of the Academy of Nutrition and Dietetics*, 123(1), 95-108. DOI: 10.1016/j.jand.2022.06.009.
21. Guzman, P.G.*, Lange, J.E., & **McClain, A.C.**[†] (2022). The association between food security status and psychological distress and loneliness among full-time undergraduate students at a minority-serving

- institution. *International Journal of Environmental Research and Public Health*, 19(22), 15245. DOI: 10.3390/ijerph192215245.
22. Bhutani, S. & **McClain, A.C.** (2022). Body fat moderates the association of olfactory dysfunction with dietary intake in U.S. middle-aged and older adults: a cross-sectional analysis of NHANES 2013-2014. *Nutrients*, 14(15), 3178. DOI: 0.3390/nu14153178.
 23. **McClain, A.C.**, Cory, H., & Mattei, J. (2022). Childhood food insufficiency and adulthood cardiometabolic health among a population-based sample of older adults in Puerto Rico. *Social Science & Medicine- Population Health*, 17, 101066. DOI: 10.1016/j.ssmph.2022.101066.
 24. Maldonado, L.E., Sotres-Alvarez, D., Mattei, J., Perreira, K.M., **McClain, A.C.**, Gallo, L.C., Isasi, C.R., & Albrecht, S.S. (2022). Food insecurity and cardiometabolic markers: results from the Study of Latino Youth. *Pediatrics*, 149(4), e2021053781. DOI: 10.1542/peds.2021-053781.
 25. López-Cepero, A., **McClain, A.C.**, Rosal, M.C., Tucker, K.L., & Mattei, J. (2022). Examination of the allostatic load construct and its longitudinal association with health outcomes in the Boston Puerto Rican Health Study. *Psychosomatic Medicine*, 84(1), 104-115. DOI: 10.1097/PSY.0000000000001013.
 26. Vercammen, K.A., Moran, A., Carnethon, M., **McClain, A.C.**, Pool, L.R., Kiefe, C.I., Carson, A.P., Gordon-Larsen, P., Steffen, L., Young, J., & Rimm, E.B. (2022). A longitudinal analysis of food insufficiency and cardiovascular disease risk factors in the Coronary Artery Risk Development in Young Adults Study. *American Journal of Preventive Medicine*, 62(1), 65-76. DOI: 10.1016/j.amepre.2021.06.020.
 27. Caceras, B.A., Bynon, M., Doan, D., Makarem, N., **McClain, A.C.**, & VanKim, N. (2022). Diet, food insecurity, and cardiovascular disease risk in sexual and gender minority adults. *Current Atherosclerosis Reports*, 24(1), 41-50. DOI: 10.1007/s11883-022-00991-2.
 28. **McClain, A.C.**, Gallo, L.C., & Mattei, J. (2022, *Online ahead of print in 2021*). Subjective social status and cardiometabolic risk markers by intersectionality of race/ethnicity and sex among U.S. young adults. *Annals of Behavioral Medicine*, 56, 442-460. DOI: 10.1093/abm/kaab025.
 29. **McClain, A.C.**, Evans, G.W., & Dickin, K.L. (2021). Maternal stress moderates the relationship of food insufficiency with body mass index trajectories from childhood to early adulthood among U.S. rural youth. *Childhood Obesity*, 17(4), 263-271. DOI: 10.1089/chi.2020.0284.
 30. **McClain, A.C.**, Xiao, R.S., Tucker, K.L. Falcón, L.M. & Mattei, J. (2021). Depressive symptoms and allostatic load have a bidirectional association among Puerto Rican older adults. *Psychological Medicine*, 1-13. DOI:10.1017/S0033291720005139.
 31. German, C., Makarem, N., Fanning, J., Redline, S., Elfassy, T., **McClain, A.C.**, Abdalla, M., Aggarwal, B., Allen, N., & Carnethon, M. (2021). Sleep, Sedentary Behavior, Physical Activity and Cardiovascular Health: MESA. *Medicine & Science in Sports and Exercise*, 53(4), 724-731. DOI: 10.1249/MSS.0000000000002534.
 32. Figueroa, R., Isasi, C.R., Perreira, K.M., **McClain, A.C.**, Gallo, L.C., Sotres-Alvarez, D., Delamater, A.M., Daviglus, M., Van Horn, L., & Mattei, J. (2020). Targeting family functioning, acculturative stress, and sugar-sweetened beverage consumption for obesity prevention: Findings from the Hispanic Community Health Study/Study of Latino Youth. *BMC Public Health*, 20, 1546. DOI: 10.1186/s12889-020-09658-6.
 33. Moore, J., **McClain, A.** & Hong, M.Y. (2020). Dietary supplement use in the US: prevalence, trends, pros and cons. *Nutrition Today*, 55(4), 174-181. DOI: 10.1097/NT.0000000000000402.
 34. **McClain, A.C.**, Tucker, K.L. Falcón, L.M. & Mattei, J. (2019). Food insecurity and dietary intake by Supplemental Nutrition Assistance Program participation status among mainland U.S. Puerto Rican adults after the 2009 American Recovery and Reinvestment Act. *Public Health Nutrition*, 9, 1-10. DOI: 10.1017/S1368980019002209.
 35. Vercammen, K.A., **McClain, A.C.**, Tucker, K.L., Falcón, L.M., & Mattei, J. (2019). The association between baseline acculturation level and 5-year change in adiposity among Puerto Ricans living in the mainland United States. *Preventive Medicine Reports*, 13, 314-320. DOI: 10.1016/j.pmedr.2019.01.012.

36. Vercammen, K.A., Moran, A.J., **McClain, A.C.**, Thorndike, A.N., Fulay, A.P., Rimm, E.B. (2019). Food security status and predicted 10-year cardiovascular disease risk among adults in the United States. *American Journal of Preventive Medicine*, 56 (5), 689-697. DOI: 10.1016/j.amepre.2018.11.016.
37. **McClain, A.C.**, Dickin, K.L., & Dollahite, J.S. (2019). Life course influences on food provisioning among low-income, Mexican-born mothers with young children at risk of food insecurity. *Appetite*, 132, 8-17. DOI: 10.1016/j.appet.2018.09.014.
38. Mattei, J., **McClain, A.C.**, Falcón, L.M., Noel, S.E., & Tucker, K.L. (2018). Dietary acculturation among Puerto Rican adults varies by acculturation construct and dietary measure. *Journal of Nutrition*, 148(11), 1804-1813. DOI: 10.1093/jn/nxy174.
39. **McClain, A.C.**, Xiao, R.S., Gao, X., Tucker, K.L. Falcón, L.M. & Mattei, J. (2018). Food insecurity and odds of high allostatic load in Puerto Rican adults: the role of participation in the Supplemental Nutrition Assistance Program (SNAP) during 5 years of follow-up. *Psychosomatic Medicine*, 80(8), 733-741. DOI: 10.1097/PSY.0000000000000628.
40. **McClain, A.C.**, Ayala, G.X., Sotres-Alvarez, D., Siega-Riz, AM., Kaplan, R.C., Gellman, M.D., Gallo, L.C., Van Horn, L., Daviglus, M.L., Perera, M.J., Mattei, J. (2018). Frequency and type of away-from-home foods consumption are associated with diet quality in the Hispanic Community Health Study/Study of Latinos (HCHS/SOL). *Journal of Nutrition*, 148, 453-463. DOI: 10.1093/jn/nxx067.
41. Bostic, S.B., & **McClain, A.C.** (2017). Older adults' cooking trajectories: shifting skills and strategies. *British Food Journal*, 119, 5, 1102-1115. DOI: 10.1108/BFJ-09-2016-0436.
42. Archer, E., Groessl, E.J., Sui, X., **McClain, A.C.**, Wilcox, S., Hand, G.A., Meriwether, R., & Blair, S.N. (2012). An economic analysis of traditional and technology-based approaches to weight loss: LEAN study cost effectiveness. *American Journal of Preventive Medicine*, 43(2), 176-182. DOI: 10.1016/j.amepre.2012.04.018.
43. Sieverdes, J.C., Sui, X., Hand, G.A., Barry, V.W., Wilcox, S., Meriwether, R.A., Hardin, J.W., **McClain, A.C.**, & Blair, S.N. (2011). Cardiometabolic results from an armband-based weight loss trial. *Diabetes, Metabolic Syndrome and Obesity: Targets and Therapy*, 4, 187-194. DOI: 10.2147/DMSO.S18649.
44. Shuger, S.L., Barry, V.W., Sui, X., **McClain, A.**, Hand, G.A., Wilcox, S., Meriwether, R.A., Hardin, J.W., & Blair, S.N. (2011). Electronic feedback in a diet-and physical activity-based lifestyle intervention for weight loss: a randomized controlled trial. *International Journal of Behavioral Nutrition and Physical Activity*, 8, 41-48. DOI: 10.1186/1479-5868-8-41.
45. Barry, V.W., **McClain, A.C.**, Shuger, S., Sui, X., Hardin, J.W., Hand, G.A., Wilcox, S., & Blair, S.N. (2011). Using a technology-based intervention to promote weight loss in sedentary overweight or obese adults: a randomized controlled trial study design. *Diabetes Metabolic Syndrome and Obesity: Targets and Therapy*, 4, 67-77. DOI: 10.2147/DMSO.S14526.
46. Wilcox, S., Parra-Medina, D., Felton, G., Poston, M.B., **McClain, A.** (2010). Adoption and implementation of physical activity and dietary counseling by community health center providers and nurses. *Journal of Physical Activity and Health*, 7(5), 602-612. DOI: 10.1123/jpah.7.5.602.
47. Sieverdes, J.C., Sui, X., Lee, D.C., Church, T.S., **McClain, A.**, Hand, G.A., Blair, S.N. (2010). Physical activity, cardiorespiratory fitness, and the incidence of Type 2 Diabetes in a prospective study of men. *British Journal of Sports Medicine*, 44(4), 238-244. DOI: 10.1136/bjsm.2009.062117.

Refereed Journal Articles – Works in Progress

*student mentee

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1. Camargo, J.T., Recinos, G., Hinermal, A.S., Duong, C., Rodriquez, E.J., Juarez, J.J., **McClain, A.C.**, Alver, S.K., Daviglus, M., Van Horn, L., Pérez-Stable, E.J. Pulses consumption and metabolic syndrome: findings from the Hispanic Community Health Study/Study of Latinos (HCHS/SOL). *Submitted.*

2. Mendoza, K., Marrero, A., Tamez, M., Espinosa, A., Sotres-Alvarez, S., **McClain, A.C.**, Cordero, C., Elfassy, T., Perreira, K.M., Mossavar-Rahmani, Y., Qi, Q., Daviglus, M., Van Horn, L., Hu, F.B., Willet, W.C., Kaplan, R.C., & Mattei, J. Ultra-processed foods and incident type 2 diabetes: Analysis of the Hispanic Community Health Study / Study of Latinos (HCHS/SOL). *Submitted*.
3. Maldonado, L., Flomenbaum, D., April-Sanders, A., Lee, U.J., Kaplan, R., Mossavar-Rahmani, Y., Ostfeld, R., Sotres-Alvarez, D., Mattei, J., Duran Luciano, P., **McClain, A.C.**, Daviglus, M., Hurwitz, B., Kansal, M., Van Horn, L., Shook-Sa, B.E., & Rodriguez, C. Plant-based diets and pre-heart failure in the Echocardiographic Study of Latinos (Echo-SOL). *Submitted*.
4. Dai, J., Qi, Q., Nianogo, R., Wong, N.D., Moin, T., **McClain, A.C.**, Alver, S., Cordero, C., Mossavar-Rahmani, Y., Daviglus, M.L., Sotres-Alvarez, D., & Chen, L. Meal timing and cardiovascular biomarkers in Hispanic/Latino adults with type 2 diabetes: a prospective cohort study. *Submitted*.
5. Jiménez, R.,* Ojeda, V., Burgo, J.L., Vargas-Ojeda, A., Gallo, L., Zúñiga, M.L., **McClain, A.C.**, McCurley, J. Neighborhood Adversity and Depression and Anxiety Symptoms in a Low-income Migrant Community on the U.S.-Mexico Border. *Submitted*.
6. Batalha, M., Filigrana, P., Perreira, K.M., **McClain, A.C.**, Pirzada, A., Daviglus, M., Cordero, C., Delamater, A.M., Gallo, L.C., Isasi, C.R. Intergenerational socioeconomic mobility and cardiovascular health among youth and caregivers. *Submitted*.
7. Jiang, Q., Gallo, L.C., Sallis, J., Jankowska, M., Foresth, B., **McClain, A.C.**, Sotres-Alvarez D., Batalha, M., Zhou, H., Pirzada, A., Cordero, C., Daviglus, M., Carlson, J. Neighborhood retail food environment and 6-year changes in cardiometabolic health in Hispanics/Latinos: HCHS/SOL CASAS. *Submitted*.
8. Larsen, J.,* Madanat, H., **McClain, A.C.**, Schmied, E. An evaluation of an intuitive eating intervention for college women. *Submitted*.
9. Haughton, J., Blevins, M.,* Fraga, M.A., Lloyd, L.S., **McClain, A.C.**, Aceves, B., & Crespo, N. Multilevel influences on sugar-sweetened beverage and water consumption among adults in rural Baja California. *Submitted*.
10. **McClain, A.C.**, Marian, M.*, Dickin, K.L., & Dollahite, J.S. Protective attributes and behaviors related to food provisioning for food security among U.S. low-income, Mexican-born mothers of young children: a qualitative study. *Submitted*.
11. López-Cepero, A.A., Marrero, A., **McClain, A.C.**, Joseph, V., González, M., Caballero, A.E., Rodríguez-Orengo, J.F., Mattei, J. Food access and diabetes healthcare during the COVID-19 pandemic in Puerto Rico. *Submitted*.

Professional Conference Presentations

*student mentee

†senior author

- McClain, A.C.**, Isasi, C.R., Perreira, K.M., Mattei, J., Ayala, G.X., Sotres-Alvarez, D., Horn, L.V., Talavera, G.A., & Gallo, L.C. *Latent classes characterized by perceived neighborhood food environment, household food security, and food shopping behaviors are associated with the home food environment of U.S. Hispanic/Latino households with youth*. Poster presentation at the annual meeting the International Society of Behavioral Nutrition and Physical Activity, Auckland, New Zealand.
- Batalha, M., Filigrana, P., Perreira, K., **McClain, A.C.**, Pirzada, A., Daviglus, M.L., Cordero, C., Delamater, A., Gallo, L.C., & Isasi, C.R. *Intergenerational social mobility and cardiovascular health among caregivers and their offspring: results from the Study of Latinos Youth (SOL Youth)*. Oral presentation at the annual meeting of the American Heart Association Epidemiology | Lifestyle Sessions, New Orleans, LA.
- McClain, A.C.**, Isasi, C.R., Perreira, K.M., Mattei, J., Ayala, G.X., Van Horn, L., Levy, S.S., Daviglus, M., Gonzalez II, F., Talavera, G.A., & Gallo, L.C. (2024, May). *Health-promoting resources associated with household food security status and dietary quality among U.S. Hispanic/Latino adults*. Oral presentation at the annual meeting the International Society of Behavioral Nutrition and Physical Activity, Omaha, Nebraska.

- Doolan, E.*, Johnson, C.M., Dickin, K.L., & **McClain, A.C.** [†] (2024, May). *Differences between quantitative and qualitative responses to the U.S. Household Food Security Survey Module: Findings for U.S. Latine households with children*. Oral presentation at the annual meeting the International Society of Behavioral Nutrition and Physical Activity, Omaha, Nebraska. **Finalist for Special Interest Group award.**
- Alver, S., Peters-Samuelson, B., Mossavar-Rahman, Y., Qi, Q., **McClain, A.C.**, Thyagarajan, B., Daviglus, M.L., Van Horn, L., & Kaplan, R. (2024, March). *Association of meal timing with measures of obesity: The Hispanic Community Health Study/Study of Latinos*. Poster presentation at the annual meeting of the American Heart Association Epidemiology | Lifestyle Sessions, Chicago, IL.
- Batalha, M., LeCroy M.N., Lin, J., Peters-Samuelson, B., Kaplan, R., Qi, Q., Wang, Z., Wang, T., Gallo, L., **McClain, A.C.**, Thyagarajan, B., Talavera, G.A., Daviglus, M.L., Hou, L., Llabre, M., Cai, J., & Isasi, C.R. (2024, March). *Life-course socioeconomic status and the gut microbiome in the Hispanic Community Health Study/Study of Latinos*. Moderated poster presentation at the annual meeting of the American Heart Association Epidemiology | Lifestyle Sessions, Chicago, IL.
- Wang, Y., Chen, G., Wang, Z., **McClain, A.C.**, Jankowski, M.M., Perreira, K., Mattei, J., Isasi, C.R., Llabre, M., Thyagarajan, B., Daviglus, M.L., Van Horn, L., Farelo, D.G., Maldonado, L.E., Levine, S.R., Yu, B., Boerwinkle, E., Knight, R., Burk, R., Kaplan, R., Qi, Q., and Peters-Samuelson, B. (2024, March). *Dietary acculturation is associated with altered gut microbiome, circulating metabolites, and cardiovascular disease risk in U.S. Hispanics/Latinos: Results from the Hispanic Community Health Study/Study of Latinos*. Poster presentation at the annual meeting of the American Heart Association Epidemiology | Lifestyle Sessions, Chicago, IL.
- Dai, J., Nianogo, R., Wong, N., Moin, T., **McClain, A.C.**, Alver, S., Cordero, C., Daviglus, M.L., Qi, Q., Sotres-Alvarez, D., & Chen, L. *Energy intake and dietary glycemic load in late morning and risk of type 2 diabetes: The Hispanic Community Health Study/Study of Latinos*. Oral presentation at the annual meeting of the American Heart Association Epidemiology | Lifestyle Sessions, Chicago, IL.
- Zhang, Y., Luo, K., Peters-Samuelson, B.L., Mossavar-Rahmani, Y., Moon, J-Y., Daviglus, M.L., Van Horn, L., **McClain, A.C.**, Cordero, C., Schneiderman, N., Floyd, J., Yu, B., Burk, R.D., Kaplan, R., & Qi, Q. (2024, March). *Sugar-sweetened beverages, gut microbiota, circulating metabolites, and risks of cardiometabolic diseases: The Hispanic Community Health Study/Study of Latinos*. Oral presentation at the annual meeting of the American Heart Association Epidemiology | Lifestyle Sessions, Chicago, IL.
- Blevins, M.R.*, Haughton, J., Fraga, M., Lloyd, L., **McClain, A.C.**, Aceves, B., Crespo, N. (2023, November). *Investigating multilevel correlates of sugar sweetened beverage consumption in Baja California*. Roundtable discussion at the annual meeting of the American Public Health Association, Atlanta, GA.
- Ferrer, A.* Butler, J.L., Biediger-Friedman, **McClain, A.C.**, Johnson, C.M. (2023, July). *Resources, constraints, and food security management and coping strategies for Latino/a parents and caregivers in Texas*. Poster presentation at the annual meeting of the Society for Nutrition Education and Behavior, Washington, D.C.
- Smith, C.E.*, Enns, K.*, Molina, T.*, Doolan, E.*, Kemenes, K.*, & **McClain, A.C.** [†] (2023, July). *“We didn’t turn away people”: perspectives of key informants at stakeholder agencies in San Diego County, CA in meeting the food insecurity demands during the COVID-19 pandemic*. Poster presentation at the annual meeting of the American Society for Nutrition, Boston, MA.
- Pacheco, L.S., Hu, F.S., O’Neill, J., Tucker, K., Bezares, N., **McClain, A.C.**, Orengo, R., Mattei, J. (2023, July). *Association of frequency, setting, and mealtime foods consumed away from home and cardiometabolic disease among adults in Puerto Rico*. Poster presentation at the annual meeting of the American Society for Nutrition, Boston, MA.
- Mendoza, K., Marrero, A., Tamez, M., Espinosa, A., Sotres-Alvarez, D., **McClain, A.C.**, Cordero, C., Elfassy, T., Perreira, K.M., Mossavar-Rahmani, Y., Qi, Q., Daviglus, M., Van Horn, L., Hu, F., Willet, W., Kaplan, R.C., & Mattei, J. *Ultra-processed food consumption is associated with higher type 2 diabetes risk in the Hispanic Community Health Study/Study of Latinos*. Poster presentation at the annual meeting of the American Society for Nutrition, Boston, MA.

- Wood, A.C., Senn, M.K., Allison, M.A., Graff, M., Young, K.Y., Talavera, G.A., **McClain, A.C.**, Garcia, T.P., Goodarzi, M.O., & Rotter, J.I. (2023, July). *Associations between avocado intake and dysglycemia in adults: results from the Hispanic Community Health Study/Study of Latinos (HCHS/SOL)*. Poster presentation at the annual meeting of the American Society for Nutrition, Boston, MA.
- McClain, A.C.**, Johnson, C.M., & Dickin, K.L. (2023, June). *Managing household food security in the U.S.: perspectives of heritage-diverse Latinx caregivers of children*. Oral presentation at the annual meeting of the International Society of Behavioral Nutrition and Physical Activity, Uppsala, Sweden, as part of the symposium, *Food insecurity in context: capturing lived experiences and exploring implications for research and policy*.
- Makarem, N., Hosalli, R., Dinh, V., Caceras, B.A., **McClain, A.C.**, Mullachery, P., & Odayme, Q. (2023, February/March). *Status of Cardiovascular Health in US Immigrants Using the AHA's Life's Essential 8 Metrics: Prevalence Estimates and Social Determinants From the 2013-2018 National Health and Nutrition Examination Survey*. Moderated poster presentation at the annual meeting of the American Heart Association Epidemiology | Lifestyle Sessions, Boston, MA.
- Bhutani, S. & **McClain, A.C.** (2022, November). *The Influence of Olfactory Dysfunction on Poor Diet Intake is Moderated by Body Fat in the US Adults*. Poster presentation at the annual meeting of The Obesity Society, San Diego, CA.
- Cordero, C., Sotres-Alvarez, D., Llabre, M.M., Delamater, A.M., Gellman, M.D., Isasi, C.R., Gallo, L.C., Van Horn, L., LeCroy, M.N., **McClain, A.C.**, Daviglus, M., & Siega-Riz, A.M. (2022, June). *Maternal weight trajectories and eating behaviors in the Study of Latinos Family Lifestyles Outcome Research (SOL-FLOR)*. Poster presentation at the annual meeting of The Society for Pediatric and Perinatal Epidemiological Research (SPER), Chicago, IL.
- McClain, A.C.**, Castro, R.*, Ayala, G.X., Mattei, J., Isasi, C.R., Talavera, G.A., Perreira, K.M., Mossavar-Rahmani, Y., Sotres-Alvarez, D., Daviglus, M., Van Horn, L., & Gallo, L. (2022, May). *Characterizing household food security status, perceived neighborhood food environment, and food shopping behaviors among U.S. Hispanic/Latino families using latent class analysis*. Poster presentation at the annual meeting of the International Society of Behavioral Nutrition and Physical Activity, Phoenix, AZ.
- McClain, A.C.**, and Johnson, C.M. (2022, April). *Measuring food insecurity in Latinx families: Expanding understanding of their experiences through exploratory interviewing and cognitive testing*. Oral presentation at USDA-Tufts FoodSec25 e-Conference: 25 years of Food Security Measurement.
- López-Cepero, A., **McClain, A.C.**, Caballero, A.E., Rodríguez-Orengo, J.F., & Mattei, J. (2022, April). *The association of emotional eating with dietary intake in Puerto Rico before and during the COVID-19 pandemic*. Poster presentation at the annual meeting of the Society of Behavioral Medicine.
- Peters, B.A., Xing, J., Chen, G-C., Usyk, M., Weng, Z., **McClain, A.C.**, Thyagarajan, B., Daviglus, M.L., Sotres-Alvarez, D., Hu, F.B., Knight, R., Burk, R.D., Kaplan, R.C., & Qi, Q. (2022, March). *Healthy dietary patterns are associated with the gut microbiome in the Hispanic Community Health Study/Study of Latinos (HCHS/SOL)*. Poster presentation at the annual meeting of the American Heart Association Epidemiology | Lifestyle Sessions, Chicago, IL.
- Flomenbaum, D., April-Sanders, A., Lee, UJ., Kaplan, R., Mossavar-Rahmani, Y., Ostfeld, R.J., Sotres-Alvarez, D., Mattei, J., **McClain, A.C.**, Daviglus, M., Kansal, M.M., Van Horn, L., Shook-Sa, B.E., & Rodriguez, C.J. (2021, November). *Associations between diet adherence scores and cardiac structure and function in the Hispanic Community Health Study/Study of Latinos*. Moderated digital poster presentation at the American Heart Association Scientific Sessions.
- Flomenbaum, D., April-Sanders, A., Lee, UJ., Kaplan, R., Mossavar-Rahmani, Y., Ostfeld, R.J., Sotres-Alvarez, D., Mattei, J., Daviglus, M., Kansal, M.M., **McClain, A.C.**, Hurwitz, B.E., Shook-Sa, B.E., & Rodriguez, C.J. (2021, November). *Associations of macronutrient and sodium intake with cardiac structure and function in the Hispanic Community Health Study/Study of Latinos*. Moderated digital poster presentation at the American Heart Association Scientific Sessions.
- McClain, A.C.** (2021, September). *Identifying community-based capacities to reduce food insecurity in San Diego*. E-poster presentation National Institutes of Health Food Insecurity, Neighborhood Food Environment, and Nutrition Health Disparities: State of the Science.

- Lopez-Cepero, A., Marrero, A., **McClain, A.C.**, Caballero, A.E., Rodríguez-Orengo, J.F., & Mattei, J. (2021, September). *Food access and diabetes healthcare during the COVID-19 pandemic in Puerto Rico*. E-poster presentation National Institutes of Health Food Insecurity, Neighborhood Food Environment, and Nutrition Health Disparities: State of the Science.
- Morales, L.*, Yowell, L.*, Fajardo, J.*, Ibarra, J.*, Romero, E.*, Hernandez, Y.*, & **McClain, A.C.†** (2021, June). *"You can sort of put yourselves together like a puzzle": across-agency partnership attributes for combating food insecurity in San Diego County*. E-poster presentation at the annual meeting of the American Society for Nutrition.
- Chow, C.*, Kim, J.*, Carnethon, M., Schreiner, P., Steffen, L., Carson, A., Kershaw, K., Gunderson, E., Pool, L., & **McClain, A.C.†** (2020, June). *The Relationship Between Household Food Insufficiency and Development of Type 2 Diabetes over 10 Years in a Sample of U.S. Black and White Adults*. E-poster presentation at the annual meeting of the American Society for Nutrition.
- Caceres, B.A., **McClain, A.C.**, Makarem, N., Zollweg, S., & Mujahid, M.S. (2020, March). *Neighborhood social cohesion and CVD risk factors in lesbian, gay, and bisexual adults*. Oral presentation at the annual meeting of the American Heart Association Epidemiology | Lifestyle Sessions, Phoenix, AZ.
- McClain, A.C.**, Gallo, L.C., Isasi, C.R., Kaplan, R., Cardel, M.I., Estrella, M.L., Thyagarajan, B., Zeng, D., Ferreira, K.M., Daviglus, M.L., Talavera, G.A., Mattei, J. (March, 2020). *Association of subjective social status with allostatic load in the Hispanic Community Health Study/Study of Latinos (HCHS/SOL)*. Poster presentation at the annual meeting of the American Heart Association Epidemiology | Lifestyle Sessions, Phoenix, AZ.
- German, C., Makarem, N., Fanning, J., Redline, S., Elfassy, T., **McClain, A.C.**, Abdalla, M., Aggarwal, B.A., Allen, N.B., & Carnethon, M.R. (March, 2020) *Reallocating sedentary behavior with sleep or physical activity is associated with favorable cardiovascular health in the Multi-Ethnic Study of Atherosclerosis: MESA*. Poster presentation at the annual meeting of the American Heart Association Epidemiology | Lifestyle Sessions, Phoenix, AZ.
- McClain, A.C.** & Ayala, G.X. (2019, June). *Number of different types of food provisioning strategies and adult food security status among U.S.-representative households*. Poster presentation at the annual meeting of the International Society of Behavioral Nutrition and Physical Activity, Prague, Czech Republic.
- German, C.A., **McClain, A.C.**, & Elfassy, T. (2019, March). *Associations between steps and years of potential life lost in the U.S population*. Moderated poster presentation at the annual meeting of the American Heart Association Epidemiology | Lifestyle Sessions, Houston, TX.
- German, C., **McClain, A.**, & Elfassy, T. (2019, July). *Steps and all-cause mortality in the U.S.: NHANES*. Poster presentation at the 3rd Annual Heart in Diabetes CME Conference, Philadelphia, PA.
- Mattei, J., **McClain, A.C.**, Falcón, L.M., Noel, S.E., Tucker, K.L. *Acculturation, diet quality, and dietary patterns in Puerto Rican adults living in the mainland United States*. (2018, November). Poster presentation at the annual meeting of the American Public Health Association, San Diego, CA.
- McClain, A.C.**, Dickin, K.L., & Evans, G.W. (2018, November). *Maternal stress moderates the relationship of household food insufficiency with body mass index trajectories among rural adolescents*. Oral presentation at the American Public Health Association annual meeting, San Diego, CA.
- McClain, A.C.** & Mattei, J. (2018, November). *Association of subjective social status with cardiometabolic risk markers in diverse young adult women*. Oral presentation at the American Public Health Association annual meeting, San Diego, CA.
- Palma, X.*, **McClain, A.C.**, Mattei, J. (2018, November). *Consumo de grupos de alimentos por region en Chile: resultados de la Encuesta Nacional de Consumo de Alimentos, 2010-2011*. Poster presentation at La Sociedad Latinoamericana de Nutrición Congress, Guadalajara, México.
- McClain, A.C.**, Tucker, K.L. Falcón, L.M. & Mattei, J. (2018, June). *Food insecurity and diet intake by Supplemental Nutrition Assistance Program receipt among Boston-Puerto Rican adults after the 2009 American Recovery and Reinvestment Act*. Oral presentation at the American Society for Nutrition Annual Meeting, Boston, MA.

- Kalyoncu, Z.B.*, **McClain, A.C.**, Davison, K.K. (2018, June). *Assessing dietary acculturation among first-generation immigrants: a scoping review*. Oral presentation at the American Society for Nutrition Annual Meeting, Boston, MA.
- McClain, A.C.** & Mattei, J. (2018, March). *Childhood food insufficiency and adulthood cardiometabolic health among a population-based sample of elderly adults in Puerto Rico*. Poster presentation at the annual meeting of the American Heart Association Epidemiology | Lifestyle Sessions, New Orleans, LA.
- McClain, A.C.**, Xiao, R.S., Gao, X., Tucker, K.L. Falcon, L.M. & Mattei, J. (2017, November). *Food insecurity, food assistance, and 5-year odds of high allostatic load in Puerto Rican older adults*. Poster presentation at the annual meeting of the American Public Health Association, Atlanta, GA.
- McClain, A.C.**, Dickin, K.L., & Dollahite, J. (2017, June). *Cultural and life course influences on food provisioning among low-income, Mexican-origin mothers in the U.S.* Poster presentation at the annual meeting of the International Society of Behavioral Nutrition and Physical Activity annual meeting, Victoria, B.C., Canada. **Awarded an Early Career Researcher Award.**
- McClain, A.C.**, Gaines, A., & Dollahite, J.S. (2017, April). *"If the money doesn't go far enough for me, but that it be for [my daughters]."* Food provisioning for food security among low-income, Mexican-origin mothers of young children. Oral presentation at the Future of Food and Nutrition Conference, Tufts University, Boston, MA.
- McClain, A.C.**, Dickin, K.L., & Dollahite, J. (2015, June). *Life course influences on food acquisition and preparation strategies among Mexican-origin mothers in New York State*. Poster presentation at the annual meeting of the International Society of Behavioral Nutrition and Physical Activity annual meeting, Edinburgh, Scotland.
- McClain, A.C.**, Dickin, K.L., Dollahite, J., & Gurak, D.T. (2015, March). *Country and region of origin predict risk of food insecurity among Hispanic-born in US*. Oral presentation presented at the Experimental Biology conference, Boston, MA.
- McClain, A.C.** & Dollahite, J. (2014, May). *Contextual influences on food security and use of coping strategies among low income, urban and rural Mexican-origin mothers living New York State*. Oral presentation presented at the annual meeting of the International Society of Behavioral Nutrition and Physical Activity, San Diego, CA. Part of a submitted and accepted symposium, *Considering the complex influences on health in a receiving country: How immigrant women and families navigate and negotiate health and nutrition practices*.
- McClain, A.C.**, Wilcox, S., Parra-Medina, D., & Salinas, J. (2012). *Reducing Dietary Fat Intake in African American Women through a Tailored, Community Health Care-Based Intervention and Telephone Counseling*. Poster presentation at the annual meeting of the International Society of Behavioral Nutrition and Physical Activity, Austin, Texas.
- McClain A.C.**, Dollahite J., Greer, B., Idris R., Kurzynske J., Moustaid-Moussa N., Shultz J.A., & Sigman-Grant M. (2013). Take time for kids: Perceptions of the parental role in supporting healthy child activity and eating behaviors. Poster presentation at the annual meeting of the Society for Nutrition Education and Behavior, Portland, OR.
- Wilcox S., Parra-Medina D., Felton G., Poston M.B., **McClain A.** (2008). *Adoption and Implementation of a Physical Activity and Low Fat Diet Intervention in Community Health Centers*. Poster presentation at the Society of Behavioral Medicine, San Diego, CA.
- McClain, A.C.**, Wilcox, S., & Parra-Medina, D. (2006, November). *Baseline dietary fat intake and stages of change for African American women enrolled in a CVD risk reduction program: Preliminary results*. Oral session presented at the annual meeting of the American Public Health Association, Boston, MA.
- McClain, A.C.**, Wilcox, S., & Parra-Medina, D. (2005). *A tailored and personalized approach to cardiovascular risk reduction for financially disadvantaged African American women in South Carolina*. Poster presentation at the annual research summit of the South Carolina Nutrition Research Consortium, Columbia, SC.

Published Abstracts

*student mentee

†senior author

1. Smith, C.E.*, Enns, K.*, Molina, T.*, Doolan, E.*, Kemenes, K.*, & **McClain, A.C.†** (2023). “We didn’t turn away people”: perspectives of key informants at stakeholder agencies in San Diego County, CA in meeting the food insecurity demands during the COVID-19 pandemic. *Current Developments in Nutrition*, 7(1), 100403.
2. Ferrer, A.*, Butler, J.L., Biediger-Friedman, **McClain, A.C.**, Johnson, C.M. (2023). Resources, constraints, and food security management and coping strategies for Latino/a parents and caregivers in Texas. *Journal of Nutrition Education and Behavior*, 55(7S), 41.
3. Pacheco, L.S., Hu, F.S., O’Neill, J., Tucker, K., Bezares, N., **McClain, A.C.**, Orengo, R., Mattei, J. (2023, July). Association of frequency, setting, and mealtime foods consumed away from home and cardiometabolic disease among adults in Puerto Rico. *Current Developments in Nutrition*, 7(1), 100382.
4. Mendoza, K., Marrero, A., Tamez, M., Espinosa, A., Sotres-Alvarez, D., **McClain, A.C.**, Cordero, C., Elfassy, T., Perreira, K.M., Mossavar-Rahmani, Y., Qi, Q., Daviglus, M., Van Horn, L., Hu, F., Willet, W., Kaplan, R.C., & Mattei, J. Ultra-processed food consumption is associated with higher type 2 diabetes risk in the Hispanic Community Health Study/Study of Latinos. *Current Developments in Nutrition*, 7(1), 100713.
5. Makarem, N., Hosalli, R., Dinh, V., Caceras, B.A., **McClain, A.C.**, Mullachery, P., & Odayme, Q. (2023). Status of Cardiovascular Health in US Immigrants Using the AHA’s Life’s Essential 8 Metrics: Prevalence Estimates and Social Determinants From the 2013-2018 National Health and Nutrition Examination Survey. *Circulation*, 147, AMP16.
6. Peters, B.A., Xing, J., Chen, G-C., Usyk, M., Weng, Z., **McClain, A.C.**, Thyagarajan, B., Daviglus, M.L., Sotres-Alvarez, D., Hu, F.B., Knight, R., Burk, R.D., Kaplan, R.C., & Qi, Q. (2022). Healthy dietary patterns are associated with the gut microbiome in the Hispanic Community Health Study/Study of Latinos (HCHS/SOL). *Circulation*, 145, AMP32.
7. Flomenbaum, D., April-Sanders, A., Lee, UJ., Kaplan, R., Mossavar-Rahmani, Y., Ostfeld, R.J., Sotres-Alvarez, D., Mattei, J., **McClain, A.C.**, Daviglus, M., Kansal, M.M., Van Horn, L., Shook-Sa, B.E., & Rodriguez, C.J. (2021). Associations between diet adherence scores and cardiac structure and function in the Hispanic Community Health Study/Study of Latinos. *Circulation*, 144, A12649.
8. Flomenbaum, D., April-Sanders, A., Lee, UJ., Kaplan, R., Mossavar-Rahmani, Y., Ostfeld, R.J., Sotres-Alvarez, D., Mattei, J., Daviglus, M., Kansal, M.M., **McClain, A.C.**, Hurwitz, B.E., Shook-Sa, B.E., & Rodriguez, C.J. (2021). Associations of macronutrient and sodium intake with cardiac structure and function in the Hispanic Community Health Study/Study of Latinos. *Circulation*, 144, A11661.
9. Morales, L.*, Yowell, L.*, Fajardo, J.*, Ibarra, J.*, Romero, E.*, Hernandez, Y.*, & **McClain, A.C.†** (2021, June). “You can sort of put yourselves together like a puzzle”: across-agency partnership attributes for combating food insecurity in San Diego County. *Current Developments in Nutrition*, 5(S2), 163.
10. Chow, C.*, Kim, J. *, Carnethon, M., Schreiner, P., Steffen, L., Carson, A., Kershaw, K., Gunderson, E., Pool, L., **McClain, A.C.†** (2020). The Relationship Between Household Food Insufficiency and Development of Type 2 Diabetes over 10 Years in a Sample of U.S. Black and White Adults, *Current Developments in Nutrition*, 4(S2), 169.
11. Caceres, B.A., **McClain, A.C.**, Makarem, N., Zollweg, S., & Mujahid, M.S. (2020). Neighborhood social cohesion and CVD risk factors in lesbian, gay, and bisexual adults. *Circulation*, 141(S1).
12. **McClain, A.C.**, Gallo, L.C., Isasi, C.R., Kaplan, R., Cardel, M.I., Estrella, M.L., Thyagarajan, B., Zeng, D., Perreira, K.M., Daviglus, M.L., Talavera, G.A., Mattei, J. (2020). Association of subjective social status with allostatic load in the Hispanic Community Health Study/Study of Latinos (HCHS/SOL). *Circulation*, 141(S1).
13. German, C., Makarem, N., Fanning, J., Redline, S., Elfassy, T., **McClain, A.C.**, Abdalla, M., Aggarwal, B.A., Allen, N.B., & Carnethon, M.R. (2020). Reallocating sedentary behavior with sleep or physical activity is associated with favorable cardiovascular health in the Multi-Ethnic Study of Atherosclerosis: MESA. *Circulation*, 141(S1).

14. German, C.A., **McClain, A.C.**, & Elfassy, T. (2019). Associations between steps and years of potential life lost in the U.S population. *Circulation*, 140(1), A12878.
15. German, C., **McClain, A.**, & Elfassy, T. (2019). Steps and all-cause mortality in the U.S.: NHANES. *Clinical Cardiology*, 42, S42-S43.
16. **McClain, A.C.**, Tucker, K.L. Falcón, L.M. & Mattei, J. (2018). Food insecurity and diet intake by Supplemental Nutrition Assistance Program receipt among Boston-Puerto Rican adults after the 2009 American Recovery and Reinvestment Act. *Current Developments in Nutrition*, 2(11), OR39-06.
17. Kalyoncu, Z.B.*, **McClain, A.C.**, Davison, K.K. (2018). Assessing dietary acculturation among first-generation immigrants: a scoping review. *Current Developments in Nutrition*, 2(11), OR19-07.
18. **McClain, A.C.** & Mattei, J. (2018). Childhood food insufficiency and adulthood cardiometabolic health among a population-based sample of elderly adults in Puerto Rico. *Circulation*, 137: AP017.
19. **McClain A.C.**, Dollahite J., Greer, B., Idris R., Kurzynske J., Moustaid-Moussa N., Shultz J.A., & Sigman-Grant M. (2013). Take time for kids: Perceptions of the parental role in supporting healthy child activity and eating behaviors. *Journal of Nutrition Education and Behavior*, 45(4S): S73.
20. Wilcox S., Parra-Medina D., Felton G., Poston M.B., **McClain A.** (2008). Adoption and Implementation of a Physical Activity and Low Fat Diet Intervention in Community Health Centers. *Annals of Behavioral Medicine*, 35(Suppl), s115. **Received a Society of Behavioral Medicine Citation Award.**

Scholarly Awards and Honors

1. Nominee, [2024 Hunger Fighter Award, San Diego Hunger Coalition](#)
2. **Early Career Researcher Award** at the 2017 annual meeting of the International Society for Behavioral Nutrition and Physical Activity (Victoria, BC, Canada) for poster presentation titled, *Cultural and Life Course Influences on Food Provisioning among Low-Income, Mexican-Origin Mothers with Young Children in the U.S.*
3. Featured researcher in 2013 Cornell University Annual Report
4. Graduate Student Research Spotlight, Cornell University Graduate School (2013)

Invited Research Presentations

1. **McClain, A.C.** (November 2024). *Improving cardiovascular health in Latino households through community-engaged research*. Speaker and panelist in the session, Unraveling cardiovascular health and disease in Latinos: insights from the SOL Study. American Heart Association Scientific Sessions, Chicago, IL
2. **McClain, A.C.** (April 2024). *A community-driven solution to address food access in Southeastern San Diego: The People's Produce Mobile Farmers' Market*. SDSU 2nd Annual Sustainability Summit, San Diego, CA
3. **McClain, A.C.** (September 2021). *Food security, dietary quality, and cardiometabolic health*. Harvard Chan Department of Nutrition Monday Nutrition Seminar, Virtual.
4. **McClain, A.C.** (May 2021). *Existing capital (assets) promoting food security and healthy diets for low-income Hispanics/Latinos*. San Diego State University Research Foundation, PI lunchtime lecture series, San Diego, CA.
5. **McClain, A.C.** & Mattei, J. (Summer 2017). *Qualitative data analysis*. Workshop presentation at Harvard University, T.H. Chan School of Public Health, Boston, MA.
6. **McClain, A.C.** & Dollahite, J. (November 2014). *Contextual influences on food security and use of coping strategies among low income, urban and rural Mexican-origin mothers living New York State*. Oral presentation at Cornell Cooperative Extension Food and Nutrition Education in Communities Fall Update Meeting, Ithaca, NY.

7. **McClain, A.C.** (October 2013). *Contextual influences on household and child food security among Mexican-origin families in New York State*. Oral presentation at Cornell University Trustee Council Annual Meeting, Ithaca, NY.

Other Contributions

1. **Pre-Conference Workshop Facilitator**, 2023, Cognitive interviewing for improved measurement in behavioral nutrition and physical activity, International Society of Behavioral Nutrition and Physical Activity, Uppsala, Sweden
2. **Former Scholar Consultant**, 2022, Mixed Methods Research Training Program for the Health Sciences, Johns Hopkins University
3. **Invited Expert Reviewer**, 2021, Standards for aligning the food and agriculture sector with the UN Sustainable Development Goals (SDGs), *Fixing the Business of Food Initiative*, Columbia University Center on Sustainable Investment (CCSI)

Funded Research and Program Grants

1. **\$42,691** - Multi-level and capacity-oriented factors shaping food insecurity and cognitive function among Hispanic/Latino adults from a Federally Qualified Health Center, **PI**, San Diego Alzheimer's Disease Resource Center for Minority Aging Research (AD-RCMAR)
2. **\$204,324 (SDSU subcontract)** – Continued renewal of R01HL143792, Longitudinal mechanisms of food and nutrition security and cardiometabolic health in PROSPECT: Puerto Rico Observational Study of Psychosocial, Environmental, and Chronic disease (R01HL143792), **Co-I**, NIH National Heart, Lung, and Blood Institute, R01, Funding Rate: not disclosed, 2024-2029.
3. **\$9,000** – Student assistance funding supplement to 'The People's Produce Mobile Farmers' Market: Bringing nutritious food and health literacy to BIPOC populations throughout Greater Southeastern San Diego', **PI**, San Diego State University Summer Undergraduate Research Program Funding – Match (Nyla McGlory and Andrea Meza), Funding Rate: not disclosed, Summer and Fall 2023.
4. **\$35,000**- Engaging stakeholders to increase healthy food access in Greater Southeastern San Diego, **Consultant**, U.S. Department of Agriculture National Institute of Food and Agriculture- Community Food Projects grant, Funding Rate: not disclosed, 2022-2026
5. **\$192,000**- The People's Produce Mobile Farmers' Market: Bringing nutritious food and health literacy to BIPOC populations throughout Greater Southeastern San Diego, **Consultant**, University of California San Diego Center for Community Health Advancing Health Literacy Program grant, Funding Rate: not disclosed, 2022-2023
6. **\$6,000** – Student assistance funding supplement to 'Measuring food insecurity in Latinx families: expanding understanding of their experiences through exploratory interviewing and cognitive testing', **PI**, San Diego State University Summer Undergraduate Research Program Funding (Brianna Flores), Funding Rate: not disclosed, Summer and Fall 2021.
7. **\$100,000** - Measuring food insecurity in Latinx families: expanding understanding of their experiences through exploratory interviewing and cognitive testing, **Co-PI**, U.S. Department of Agriculture Economic Research Service-Tufts 25 Years of Food Security Measurement (59-4000-0-0067, subaward #AG9033), Funding Rate: 17%, 2021-2022.
8. **\$7,500** - Addressing food insecurity during the COVID-19 pandemic: perceptions of key informants at stakeholder agencies serving the food and nutrition needs of low-income households in San Diego County, **PI**, San Diego State University Emergency Funding to Hire Student Assistance with Research, Scholarship, and Creative Activities Program (Brianna Flores & Trisha Molina), Funding Rate: not disclosed, March-August 2021.
9. **\$50,000** - The role of neighborhood and household food environments and food shopping behaviors in shaping diet quality and glucose metabolism among Hispanic/Latino youth and their caregivers, **PI**, Einstein School of Medicine NIDDK-Funded New York Regional Center for Diabetes Translation Research Pilot & Feasibility Grant, Funding Rate: not disclosed, 2020-2022.

10. **\$10,000** - Food access and security, healthcare, and glycemic control among adults with diabetes during the COVID-19 pandemic, **Co-I**, Puerto Rico Public Health Trust Grants Program, Funding Rate: not disclosed, 2020-2021.
11. **\$1,000** – Student assistance funding supplement to ‘Existing capital promoting food security and a healthy diet for low-income Hispanics/Latinos in San Diego County: perspectives of key informants at community stakeholder organizations,’ **PI**, SDSU School of Exercise and Nutritional Sciences Thomas L. McKenzie Student Research Grant (Lauren Yowell), Funding Rate: not disclosed, 2020-2021.
12. **\$3,000** - Student assistance funding supplement to ‘Existing capital promoting food security and a healthy diet for low-income Hispanic/Latinos in San Diego County: perspectives of key informants at community stakeholder organizations,’ **PI**, San Diego State University Summer Undergraduate Research Program Funding (Lauren Yowell), Funding Rate: not disclosed, Summer 2020.
\$946,498 - Capacity-oriented approaches to food security, diet quality, and cardiovascular disease risk among Hispanics/Latinos, **PI**, National Institutes of Health, National Heart, Lung, and Blood Institute Mentored Research Scientist Development Award K01 (HL150406), Funding Rate: 32.8%, 2019-2024.
13. **\$35,000** - Bringing Gardening into the Good Food District: Increasing Gardeners’ Capacity through a Regenerative Community of Practice, **Co-I**, Danone Institute North America One Planet One Health Initiative Innovation Award, Funding Rate: 12.9%, 2019-2021.
14. **\$3,000** - Student assistance funding supplement to ‘Existing capital promoting food security and a healthy diet for low-income Hispanic/Latinos in San Diego County: perspectives of key informants at community stakeholder organizations,’ **PI**, San Diego State University Summer Undergraduate Research Program Funding (Yazley Hernandez), Funding Rate: 55.6%, Summer 2019.
15. **\$3,500** – Student assistance funding supplement to ‘Household food insecurity as a determinant for developing prediabetes and type 2 diabetes,’ **Mentor**, Cornell University College of Human Ecology Alumni Sponsored Internship Funding (Kim, Joy), Funding Rate: not disclosed, Summer 2019.
16. **\$1,200** - Student assistance funding supplement to ‘Community stakeholder perceptions of socioecological factors promoting household food security and healthy diets among low-income, Hispanic/Latinos,’ **PI**, SDSU School of Exercise and Nutritional Sciences Thomas L. McKenzie Student Research Grant (Jonattan Fajardo & Jacqueline Ibarra), Funding Rate: 100%, 2019-2010.
17. **\$10,000** - Household food insecurity as a determinant for developing prediabetes and type 2 diabetes, **PI**, San Diego State University University Grants Program, Funding Rate: 35.4%, 2019-2020.
18. **\$895.00 + airfare** - Support for presentation of research at the International Society of Behavioral Nutrition and Physical Activity 2017 annual meeting, **PI**, Population Reference Bureau Population and Poverty Research Network (PopPov), Funding Rate: not disclosed, 2017.
19. **\$17,000** - Contextual influences on household and child food security as experienced by recent Mexican-origin immigrant mothers with young children, **Co-PI**, U.S. Department of Agriculture Economic Research Service Research Innovation and Development Grants in Economics Center for Targeted Studies Doctoral Dissertation Research Grant, Funding Rate: not disclosed, 2013-2015.
20. **\$2,000** - Support for travel to research site, **PI**, Cornell University Graduate School Summer Research Travel Grant, Funding Rate: not disclosed, 2013.
21. **\$1,710** - Support for preliminary dissertation research, **PI**, Cornell University Division of Nutritional Sciences Small Grant, Funding Rate: not disclosed, 2012-2013.

Grants Submitted

1. **\$96,393** – A multilevel, multi-sector Health Care by Food intervention for food-insecure adult patients with prediabetes at a FQHC. American Heart Association Health Care by Food Planning Grant. *Submitted.*
2. **\$661,737** – ADELANTE (Advancing carDiometabolic Equity in Latinos by Activating Nutrition-focused communiTy Engagement): A pilot and feasibility study of a multi-level, multisectoral intervention, **PI**, NIH National Heart, Lung, and Blood Institute, R34, Funding Rate: not disclosed, 2025-2028, *Submitted.*

3. **\$5,072,143** – Improving Health Outcomes and Advancing Health Equity in Imperial County Rural Communities through Increasing Healthy Food Access, **Co-I**, NIH National Institute of Health and Health Disparities, R01, Funding Rate: 22%, 2025-2030. *Submitted.*
4. **\$1,550,000** – Trauma-Informed Substance Use Prevention in the WIC Program, **Co-I**, U.S. Department of Agriculture Food and Nutrition Service, Special Supplemental Nutrition Program for Women, Infants, and Children Substance Use Prevention Education, Funding Rate: not disclosed. 2024-2027. *Not awarded.*
5. **\$1,091,444 (SDSU subcontract)** – The SOL Youth Cells to Communities Study, **Co-I**, NIH National Heart, Lung, and Blood Institute, R01, Acceptance Rate: not disclosed, 2024-2028. *Not awarded.*
6. **\$225,000** – Evaluating the role of BrightSide Produce in shaping food and nutrition security, food purchasing, diet, and health of frequent customers, **Co-PI**, Robert Wood Johnson Foundation Healthy Eating Research, Concept Paper stage, Funding Rate: not disclosed. 2023-2025. *Submitted. Not selected for full proposal submission.*
7. **\$997,862** - Walk to Healthy Foods — Modeling Community-Based Assets to Increase Healthy Food Access in Underserved Communities, **Co-PI**, National Science Foundation Civic Innovation Challenge, Track B, Funding Rate: not disclosed. 2023-2024. *Not awarded.*
8. **\$750,000** - Leveraging and strengthening Collective Impact Communities to promote nutrition equity among community health center patients, **Co-I**, National Institutes of Health Community Partnerships to Advance Science for Society (ComPASS) program, Funding Rate: not disclosed. 2023-2028. *Not selected for development.*
9. **\$7,000** - Association of perceived limited food availability with food shopping and intake behaviors among U.S. adults, **Mentor** (PhD student, Lucia Canul), Gretchen Swanson Center for Nutrition, Funding Rate: not disclosed. 2022-2023. *Not awarded.*
10. **\$7,500** - Understanding the multi-dimensional aspects of food insecurity experiences among Latinx families, **PI**, San Diego State University Seed Grant Program, Funding Rate: not disclosed. 2023-2024. *Not awarded.*
11. **\$749,997** - A scalable method and model for promoting nutritious food access and health equity in marginalized communities, **Co-PI**, National Science Foundation Convergence Accelerator Phase I, Funding Rate: N/A. 2022-2023. *Waitlisted, Not awarded.*
12. **\$275,000** - Food insecurity, food access, and type 2 diabetes in Hispanic/Latino adults, **Co-I**, NIH National Institute of Diabetes and Digestive and Kidney Diseases Secondary Analyses in Obesity, Diabetes and Digestive and Kidney Diseases R21 PA-18-741, Funding Rate: 9.6%, 2021-2023. *Resubmission, not awarded.*
13. **\$50,000** - Development and testing of the feasibility to implement an enhanced version of two federally-funded meal programs for low-income youth in San Diego, **PI**, SDSU HealthLINK Center (funded by NIH National Institute of Minority Health and Health Disparities) pilot funding, Funding Rate: N/A, 2020-2022. *Not awarded.*
14. **\$100,000** - The role of neighborhood food environments, food shopping, and food security in shaping diet and weight among Hispanics/Latinos participating in the Supplemental Nutrition Assistance Program (Hispanic Community Health Study/Study of Latinos- Youth study data), **PI**, Robert Wood Johnson Foundation Healthy Eating Research, Concept Paper stage, Funding Rate: not disclosed, 2018-2020. *Not selected for full proposal submission.*
8. **\$60,000** - Food insecurity as a determinant for developing prediabetes and type 2 diabetes, **PI**, Nutrition and Obesity Research Center-Harvard Pilot and Feasibility award, Funding Rate: not disclosed, 2018-2020. *Not awarded.*

Funded Fellowships and Scholarships

Fall 2018 Fellow, Grants Research and Enterprise Writing Fellowship (GREW), San Diego State University

Summer 2017	Fellow, 43 rd annual American Heart Association ten-day seminar on the Epidemiology and Prevention of Cardiovascular Disease and Stroke, Tahoe City, CA
Spring 2016	Quillman Fellowship, Cornell University Division of Nutritional Sciences
Spring 2012	Graduate Assistantship, USDA/Cornell University Agricultural Extension Station
Summer 2011	Darling Fellowship, Cornell University Division of Nutritional Sciences
2010-2015	Teaching Assistantship, Cornell University Division of Nutritional Sciences
2003-2004	Graduate Assistantship, The University of Memphis Campus Recreation
1998-2002	Biology Scholarship, University of Evansville

Career Development

2024 – Present	Scientist, San Diego Alzheimer’s Disease Resource Center for Minority Aging Research (AD-RCMAR)
2022 – Present	Early Career Reviewer, National Institutes of Health Center for Scientific Review
July 2023	Scholar, Intervention Mapping Summer Course, Maastrich University, Netherlands
2022 – 2023	Member, Robert Wood Johnson Foundation (RWJF) Healthy Eating Research (HER) Early-Stage Investigator Work Group
2022	Scholar, Health Disparities Research Institute, NIH National Institute of Minority Health and Health Disparities
2021– 2022	Scholar, Mixed Methods Research Training Program for the Health Sciences, Johns Hopkins University, 7 th cohort of Scholars
2021 – Present	Member, National Science Foundation-funded Multi-Campus Transformation Equity Network (MCTEN), San Diego State University and University of California- San Diego

Participation in Professional Associations

1. American Heart Association (2017 – Present)
2. American Public Health Association (2006 – 2007; 2017 – Present)
3. American Society for Nutrition (2015 – Present)
4. International Society of Behavioral Nutrition and Physical Activity (2012 – Present)

Other Professional Memberships

1. Member Investigator, New York Regional Center for Diabetes Translational Research, Albert Einstein College of Medicine
2. Member, University of California San Diego Altman Clinical and Translational Research Institute (ACTRI)
3. Member, University of California San Diego Dissemination and Implementation Science Center (DISC)

TEACHING EFFECTIVENESS

Student Supervision In-Progress

2024 – Present	Katy Rodriguez, UG, Talking about skills and opportunities to improve diet with resilience (Proyecto HHOGAR focus group study), <i>ENS 499 (Special Study)</i>
2024 – Present	Ruthie Grant-Williams, Masters, Mapping community stakeholder agency relationships in addressing food insecurity in San Diego County, <i>ENS 797 (Research)</i> , <i>ENS 790 (Manuscript)</i>

2024 – Present	Cody Mower, Masters, San Diego’s food assistance landscape: equity and sustainability gaps and opportunities, <i>Committee Member</i>
2024 – Present	Kari Barajas, UG, Talking about skills and opportunities to improve diet with resilience (Proyecto HHOGAR focus group study), Volunteer
2024 – Present	Athena Cisneroz, Masters, The association between food insecurity and disordered eating behaviors among Latinx youth in the Hispanic Community Health Study/Study of Latinos (HCHS/SOL) Youth ancillary study, <i>Committee member</i>
2023 – Present	Yesenia Ceja Zamorano, UG, People’s Produce Mobile Farmers’ Market. Volunteer
2023 – Present	Griselda Luna, UG & Masters, People’s Produce Mobile Farmers’ Market. <i>NUTR 499 (Special Study)</i> , <i>NUTR 798 (Special Study)</i> , Measuring food insecurity in Latinx families: expanding understanding of their experiences through exploratory interviewing and cognitive testing; Talking about skills and opportunities to improve diet with resilience (Proyecto HHOGAR focus group study)

Student Supervision Completed

2023 – 2024	Lucia Canul, PhD student, Measuring food insecurity in Latinx families: expanding understanding of their experiences through exploratory interviewing and cognitive testing, Volunteer; Talking about skills and opportunities to improve diet with resilience (Proyecto HHOGAR focus group study), Graduate Research Assistant
2023 – 2024	Lauryn Carter, Masters, Community-engaged learning experiences of students enrolled in NUTR 510, Community Nutrition, <i>NUTR 798 (Special Study)</i> , <i>ENS 790 (Manuscript)</i>
2023 – 2024	Rebeca Jimenez, Masters, Examining social support in the associations of neighborhood adversity with depression and anxiety symptoms in a low-income migrant community on the U.S.-Mexico border, <i>Committee Member</i>
2023 – 2024	Krisztina Kemenes, Masters, Existing capital promoting food security and a healthy diet for low-income Hispanic/Latinos in San Diego County: perspectives of key informants at community stakeholder organizations; People’s Produce Mobile Farmers’ Market. <i>NUTR 798 (Special Study)</i>
2022	Khaled Bushehri, UG, Existing capital promoting food security and a healthy diet for low-income Hispanic/Latinos in San Diego County: perspectives of key informants at community stakeholder organizations. <i>NUTR 499 (Special Study)</i>
2022 – 2023	Abby Jimenez, Masters, Measuring food insecurity in Latinx families: expanding understanding of their experiences through exploratory interviewing and cognitive testing. <i>NUTR 798 (Special Study)</i>
2022 – 2023	Katia Enns, Masters, Measuring food insecurity in Latinx families: expanding understanding of their experiences through exploratory interviewing and cognitive testing, Volunteer; Multi-level factors influencing the food security status of Hispanic/Latino households: a mixed-methods approach to understand the responsiveness of stakeholder agencies in addressing food insecurity, <i>NUTR 790 (Manuscript)</i>
2022 – 2023	Mariah Blevins, Masters, Sugar-sweetened beverage intake among community residents of San Quintín, Baja California, Mexico. <i>Committee Member</i>
2022	Angel Chukwu, Masters, Do parenting behaviors mediate the relationship between parental mental health and child weight status? <i>Committee Member</i>
2022	Janina Larsen, Masters, The impact of a pilot intuitive eating intervention on college student health. <i>Committee Member</i>
2022 – 2024	Aruba Naser, Masters (Community Health Sciences, University of Calgary), Qualitative investigation of what young adults consider when they rate their subjective social status. <i>Committee Member</i>
2022	Yesenia Jacobo, Masters, Measuring food insecurity in Latinx families: expanding understanding of their experiences through exploratory interviewing and cognitive testing. <i>NUTR 798 (Special Study)</i>

2022	Jillian Arizcuren, UG, Existing capital promoting food security and a healthy diet for low-income Hispanic/Latinos in San Diego County: perspectives of key informants at community stakeholder organizations. <i>NUTR 499 (Special Study)</i>
2022 – 2023	Courtney Smith, Masters, Existing capital promoting food security and a healthy diet for low-income Hispanic/Latinos in San Diego County: perspectives of key informants at community stakeholder organizations, <i>NUTR 798 (Special Study)</i> . “Minimizing the Number of Barriers”: How agencies pivoted to address food insecurity in San Diego County during the COVID-19 pandemic, <i>ENS 790 (Manuscript)</i>
2021 – 2022	Jayden Montejano, Masters, Food security status and perceived time constraints to healthy eating among NCAA Division I student-athletes at a Hispanic-Serving Institution. <i>ENS 790 (Manuscript)</i>
2021 – 2024	Edgar Doolan, Masters, Measuring food insecurity in Latinx families: expanding understanding of their experiences through exploratory interviewing and cognitive testing, <i>NUTR 798 (Special Study)</i> . Existing capital promoting food security and a healthy diet for low-income Hispanic/Latinos in San Diego County: perspectives of key informants at community stakeholder organizations, Graduate Research Assistant. 2024 Outstanding Master’s Student for the School of Exercise and Nutritional Sciences
2021 – 2022	Pedro Guzman, Masters, Measuring food insecurity in Latinx families: expanding understanding of their experiences through exploratory interviewing and cognitive testing, <i>Graduate Research Assistant</i> . Association of food security status with psychological distress and loneliness among full-time undergraduate students at a Hispanic-Serving Institution. <i>ENS 790 (Manuscript)</i>
2021 – 2023	Robert Castro, Masters, The role of neighborhood and household food environments and food shopping behaviors in shaping diet quality and glucose metabolism among Hispanic/Latino youth and their caregivers. Graduate Research Assistant
2021 – 2023	Trisha Molina, Masters, Existing capital promoting food security and a healthy diet for low-income Hispanic/Latinos in San Diego County: perspectives of key informants at community stakeholder organizations, <i>San Diego State University Emergency Funding to Hire Student Assistance with Research, Scholarship, and Creative Activities Program</i>
2021 – 2024	Marian Marian, PhD, Dissertation: Assessing different forms of structural violence against women in Mexico, <i>Committee Member</i>
2020 – 2021	Dominic Lopez, Prospective Masters student volunteer, Step counts, acculturation, and glucose metabolism among U.S. Hispanics/Latinos, Volunteer.
2020 – 2021	Brianna Flores, UG, Existing capital promoting food security and a healthy diet for low-income Hispanic/Latinos in San Diego County: perspectives of key informants at community stakeholder organizations. <i>NUTR499 (Special Study)</i> , <i>San Diego State University Emergency Funding to Hire Student Assistance with Research, Scholarship, and Creative Activities Program</i> . 2) Measuring food insecurity in Latinx families: expanding understanding of their experiences through exploratory interviewing and cognitive testing, <i>SDSU Summer Undergraduate Research Program</i>
Spring 2020	Jacob Rosales, Masters, Existing capital promoting food security and a healthy diet for low-income Hispanic/Latinos in San Diego County: perspectives of key informants at community stakeholder organizations. <i>NUTR798 (Special Study)</i>
2020 – 2021	Lauren Yowell, UG, Existing capital promoting food security and a healthy diet for low-income Hispanic/Latinos in San Diego County: perspectives of key informants at community stakeholder organizations. <i>NUTR499 (Special Study)</i> , <i>SDSU Summer Undergraduate Research Program</i> .
2019 – 2020	Cameron Vinoskey, Masters, The effectiveness of lifestyle behavior change interventions on prediabetes and type 2 diabetes markers among U.S. veterans: A narrative review. <i>ENS798 (Special Study)</i> , <i>ENS790 (Directed Readings)</i>

2019 – 2022	Lani Morales, Masters, Existing capital promoting food security and a healthy diet for low-income Hispanic/Latinos in San Diego County: perspectives of key informants at community stakeholder organizations, Graduate Research Assistant. Across-agency partnerships and within-agency capacities facilitate holistic, tailored approaches to addressing food insecurity: a qualitative study, <i>ENS 790 (Manuscript)</i> Nominated (by Dr. McClain) and received the SDSU Graduate School Dean's inaugural Master's Research Scholarship (\$10,000; AY 2020-2021)
2019 – 2020	Cynthia Chow, Masters, Household food insecurity as a determinant for developing prediabetes and type 2 diabetes, Graduate Research Assistant
Fall 2019	Sarah Crosswaite, Masters, The impact of school garden interventions on fruit and vegetable intake in low-income and minority elementary and middle-school students. <i>ENS790 (Directed Readings)</i>
2019	Daniel Burdsall, Masters, How does Youth Participatory Action Research affect autonomy among adolescents involved in food security research, and how does it contribute to insights in the field of food security? <i>Committee Member</i>
2019 – Present	Petrona Gregorio-Pascual, PhD, Dissertation: TBD, <i>Committee Member</i>
Summer 2019	Joy Kim, UG, Household food insecurity as a determinant for developing prediabetes and type 2 diabetes, Visiting Cornell University undergraduate student research assistant
Sp/Su 2019	Yazley Hernandez, UG, Existing capital promoting food security and a healthy diet for low-income Hispanic/Latinos in San Diego County: perspectives of key informants at community stakeholder organizations, <i>SDSU Summer Undergraduate Research Program</i>
2019 – 2020	Jonnatan Fajardo, Masters, Existing capital promoting food security and a healthy diet for low-income Hispanic/Latinos in San Diego County: perspectives of key informants at community stakeholder organizations. <i>NUTR798 (Special Study)</i>
2019 – 2020	Jacqueline Ibarra, UG, Existing capital promoting food security and a healthy diet for low-income Hispanic/Latinos in San Diego County: perspectives of key informants at community stakeholder organizations. <i>NUTR499 (Special Study)</i>
2019 – 2021	Erika Romero, Masters, The relationship between chronic disease status and grocery shopping and cooking behaviors among Hispanic adults. <i>Committee Member</i>
2018 – 2019	Kristen Whittington, Masters, Relationships of weight stigma and the Health At Every Size approach with psychological factors, diet behaviors, diet intake, and cardiometabolic risk factors. <i>NUTR798 (Special Study)</i> , <i>ENS790 (Directed Readings)</i>
2017 – 2022	Hannah Corey, PhD, Childhood food insufficiency and age of onset of adulthood cardiometabolic disease among a population-based sample of older adults in Puerto Rico
2017 – 2018	Z. Begum Kalyoncu, PhD, Scoping review of dietary acculturation in first generation immigrants
2016 – 2018	Kelsey Vercammen, ScM, The association between baseline acculturation level and 5-year change in adiposity among Puerto Ricans living in the mainland United States
2014 – 2016	Samuel Hernandez, UG, Contextual influences on household and child food security as experienced by recent Mexican-origin immigrant mothers with young children
2014 – 2015	Pamela Ruiz, UG, Contextual influences on household and child food security as experienced by recent Mexican-origin immigrant mothers with young children
2008 – 2010	Valerie Musick, Masters, Lifestyle Education for Activity and Nutrition (LEAN) Study
2006 – 2008	Tina Devlin, Masters, Heart-Healthy and Ethnically-Relevant (HHER) Lifestyle Study
2003 – 2004	Matt McDaniel, Masters, Conducted exercise testing and anthropometric measurements on University students as part of required coursework
2003 – 2004	Chris Moore, UG, Conducted exercise testing and anthropometric measurements on University students as part of required coursework

SDSU Student Research Symposium Presentations

*student mentee

†senior author

- Sparrow, G.*, Jones, S.*, Swayne, M., Castro, I., **McClain, A.C.** † (2025, February). *Assessing the consumer nutrition environment of non-traditional food stores accepting CalFresh/SNAP EBT in the SDSU campus area*. Poster presentation at the annual SDSU Student Symposium.
- Grant-Williams, R.*, Nelson, H.*, **McClain, A.C.** † (2025, February). *Understanding agency partnerships to address food insecurity in San Diego County, CA: a stakeholder mapping approach*. Poster presentation at the annual SDSU Student Symposium.
- Luna, G.*, Moss, N.D., Devera, J., **McClain, A.C.** † (2025, February). *Bringing nutritious food and health literacy to Southeastern San Diego through the Project New Village People's Produce Mobile Farmers' Market: a process evaluation*. Poster presentation at the annual SDSU Student Symposium.
- Meza, A.*, McGlory, N.*, & **McClain, A.C.** † (2024, March). *Addressing food apartheid in Southeastern San Diego*. Poster presentation at the annual SDSU Student Symposium.
- Jimenez, R.*, Ojeda, V.D., Burgos, J.L., Vargars Ojeda, A., Gallo, L., Zuñiga, M.L., **McClain, A.C.**, McCurley, J.L. (2024, March). *Neighborhood adversity, social support, and depression and anxiety symptoms in a low-income migrant community on the U.S.-Mexico border*. Poster presentation at the annual SDSU Student Symposium.
- Smith, C.E.*, Enns, K.*, Molina, T.*, Doolan, E.*, Kemenes, K.*, & **McClain, A.C.** † (2023, March). *"Minimizing the number of barriers": How agencies pivoted to address food insecurity in San Diego County during the COVID-19 pandemic*. Poster presentation at the annual SDSU Student Symposium. **Selected for presentation at the SDSU Sustainability in Action: President's Update event in April 2023.**
- Doolan, E.*, Ferrer, A.L., Johnson, C.M., Dickin, K.L., & **McClain, A.C.** † (2023, March). *How do Latine parents interpret and respond to the U.S. Household Food Security Survey Module? A qualitative cognitive interviewing study*. Poster presentation at the annual SDSU Student Symposium.
- Morales, L.N.*, Molina, T.*, & **McClain, A.C.** † (2022, March) *Across-agency partnerships and within-agency capacities: perspectives of key informants at stakeholder agencies addressing food insecurity in San Diego, CA*. Poster presentation at the annual SDSU Student Research Symposium.
- Morales, L.*, Yowell, L.*, **McClain, A.C.** † (2021, March). *"You can sort of put yourselves together like a puzzle": across-agency partnership attributes for combating food insecurity in San Diego County*. Oral presentation at the annual SDSU Student Research Symposium.
- Yowell, L.*, Morales, L.*, **McClain, A.C.** † (2021, March). *"We work really hard to...give them that Disneyland experience": within-agency capacities to address food insecurity in San Diego County*. Oral presentation at the annual SDSU Student Research Symposium, as part of the SDSU Summer Undergraduate Research Program.
- Chow, C.M.*, Kim, J.*, Carnethon, M., Schreiner, P.J., Pool, L., Carson, A., Kershaw, K., Gunderson, E., Steffen, L., **McClain, A.C.** † (2020, February). *The relationship between household food insufficiency and development of type 2 diabetes over 10 years in a sample of U.S. black and white adults*. Poster presentation at the annual SDSU Student Research Symposium.
- Ibarra, J.*, Fajardo, J.*, Romero, E.*, **McClain, A.C.** † (2019, March). *Community stakeholder perceptions of sociological factors promoting household food security and healthy diets among low-income, Hispanics/Latinos*. Poster presentation at the annual SDSU Student Research Symposium. **Selected for presentation at the SDSU BeHIP! Student Conference in April 2019.**

Teaching Awards and Honors

1. Most Influential Faculty Member, selected by Edgar Doolan, 2024 Outstanding Master's Student for the School of Exercise and Nutritional Sciences

Funded Teaching Grants

1. **\$45,000** - Two-week School Nutrition Advancement for Caribbean Kids (SNACK) Workshop, **Co-I** 2018-2019 U.S. Department of Agriculture Cochran Fellowship Program: Caribbean School Nutrition

and Healthy Food Choices, USDA-FAS-10962-0700-10.-18-0051, Acceptance Rate: not disclosed, 2019.

Teaching Grants Submitted

1. **\$117,000** – Nutrition Undergraduate Training in Research (Nutr) Program for Multicultural Scholars, **Co-I**, United States Department of Agriculture-National Institute of Food and Agriculture Multicultural Scholars Program, 2023-2024. *Not awarded*.

Curriculum Development and Teaching Innovations

Spring 2025	Instructor of Record, ENS790, Seminar in Directed Readings, School of Exercise and Nutritional Sciences, San Diego State University.
2022 – Present	Instructor of Record, NUTR510, Community Nutrition, School of Exercise and Nutritional Sciences, San Diego State University.
Winter 2021	Participant, SDSU Flex Course Design Institute
2018 – 2021	Instructor of Record, NUTR510, Nutrition Counseling and Community Health, School of Exercise and Nutritional Sciences, San Diego State University.

Other Courses Taught as Teaching Assistant

1. Social Science Perspectives on Food and Nutrition (NS2450), Division of Nutritional Sciences, Cornell University, Lead Instructors: Drs. Jeffrey Sobal and Carole Bisogni, Fall 2011-2012, Fall 2014-2016
2. Sports Nutrition (NS444), Division of Nutritional Sciences, Cornell University, Lead Instructors: Drs. Tom Brenna and Charlie McCormick, Spring 2015
3. Nutrition and Health: Issues, Outlooks, and Opportunities (NS1200), Lead Instructor: Dr. Cha-Sook You, Spring 2013
4. Nutrition Communication and Counseling (NS4250), Lead Instructor: Dr. Susan Travis, Spring 2010
5. Nutrition, Health, and Society (NS1150), Division of Nutritional Sciences, Cornell University, Lead Instructor: Dr. David Levitsky, Fall 2010 & Winter 2013

Invited Course Lectures

Spring 2025	<i>Food insecurity: reducing prevalence to promote healthy diets</i> . Guest lecture in Promoting Physical Activity and Healthy Eating (ENS 434) undergraduate course at San Diego State University School of Exercise and Nutritional Sciences, San Diego, CA
Spring 2023	<i>Addressing food insecurity to promote nutrition and health equity</i> . Guest lecture in Plagues Through the Ages (PH 330) undergraduate course at San Diego State University School of Public Health, San Diego, CA.
Fall 2020	<i>Food insecurity in the U.S.</i> Guest lecture in Principles of Nutrition graduate student course at Harvard University, T.H. Chan School of Public Health, Department of Nutrition, Boston, MA.
Spring 2020	<i>Nutrition behavior change in the real world: theories and their applications</i> . Guest lecture to visiting undergraduate Kinesiology students from Kyung Hee University, South Korea at San Diego State University School of Exercise and Nutritional Sciences
Spring 2019	<i>Social and community factors related to chronic disease</i> . Guest lecture in Epidemiology of Chronic Disease (PH 622) graduate course at San Diego State University School of Public Health, San Diego, CA.
Spring 2019	<i>Foods, Nutrients, Diet, & Disease: Why should we care?</i> Guest lecture in General Biology (BIO 100) undergraduate course at San Diego State University.
Fall 2016, 2017	<i>Food insecurity and public health</i> . Guest lecture in Principles of Nutrition graduate student course at Harvard University, T.H. Chan School of Public Health, Department of Nutrition, Boston, MA.

- Fall 2016, 2017 *Food insecurity and community nutrition*. Guest lecture in Community Nutrition undergraduate student course at University of Massachusetts, Lowell, Department of Biomedical and Nutritional Sciences, Lowell, MA.
- Fall 2012, 2013 *Shopping for a theory*. Guest lecture at Cornell Dietetic Intern Theory in Research and Practice Panel, Ithaca, NY.

Academic Trainee and Junior Faculty Mentorship

2025 – Present Katie Crist, Assistant Professor, School of Exercise and Nutritional Sciences

SERVICE

Service for the Department/School

1. 2024 – Present Assessment Committee
2. 2021 – 2022 Search Committee, Assistant Professor in Physical Activity Behavioral Science
3. 2020 – 2023 Scholarship Committee
4. 2019 – Present Diversity, Equity, and Inclusion Committee (**Committee Chair: 2024 – Present**)
5. 2019 – 2020 Search Committee, Assistant Professor in Motor Control/Motor Learning
6. 2013 – 2014 Faculty Liaison, Nutrition Graduate Student Association, Cornell
7. 2013 Co-founder, Nutrition Graduate Student Association Annual Graduate Student Research Symposium, Cornell University
8. 2013 – 2014 Co-President, Nutrition Graduate Student Association, Cornell University

Service for the College of Health and Human Services

1. 2024 – Present Member, Research and Service Data Subcommittee, Live Well Center for Innovation and Leadership (LWCIL)
2. 2023 – Present Steering Committee Member, Live Well Center for Innovation and Leadership (LWCIL)
3. 2023 – Present Member, Unity Task Force
4. October 2022 Invited Panelist, NIH K Award Workshop, College of Health and Human Services and San Diego State University Division of Research and Innovation
5. Spring 2019, 2022, 2023 Commencement Faculty Marshal

Service for the University

1. 2025 – Present Mentor, [Progresando en Salud](#) program for Hispanic/Latine students in healthcare
2. 2024 – 2025 Mentor, [Caminos al Éxito Program](#) one-year pilot program for Hispanic/Latine students in STEM and healthcare
3. Fall 2024 Host and organizer, Rising Star lecture series, Dr. Tashara Leak, Cornell University
4. 2023 – Present Affiliated Faculty, SDSU Center for Communication, Health, and the Public Good
5. 2022 – Present Affiliated Faculty, SDSU Center for Better Food Futures
6. 2020 – Present Member, SDSU Big Idea Finalist, *Community Climate Action Network (CCAN)*
7. Fall 2019 Facilitator, Big Ideas Workshop, *Climate Change and Food Security*
8. 2019 – 2021 Member, Native American and Indigenous Faculty and Staff Association Employee Resource Group
9. 2019 – 2021 Member, First-Gen Faculty and Staff Association Employee Resource Group
10. 2019 – 2021 Judge, Student Research Symposium
11. 2019 – Present Publications Committee Reviewer, Hispanic Community Health Study/Study

Service for the Profession

1. 2025 – Present Steering Committee, The USDA Nutrition Hub at Texas A&M: Healthy Communities and Nutrition Security for All
2. 2018 – 2022 Socioeconomic Inequalities Special Interest Group, International Society of Behavioral Nutrition and Physical Activity (**Chair of Committee, 2019 – 2022**)
3. 2017 – 2018 Measuring Socioeconomic Inequalities Position Statement Committee, International Society of Behavioral Nutrition and Physical Activity
4. 2017 – Present Abstract Reviewer, American Society for Nutrition annual meeting
5. 2017 – Present Abstract Reviewer, American Public Health Association annual meeting
6. 2017 – Present Ad-Hoc Journal Reviewer
 - The American Journal of Clinical Nutrition
 - The Journal of Nutrition
 - Public Health Nutrition
 - Current Developments in Nutrition
 - Advances in Nutrition
 - Appetite
 - Journal of the Academy of Nutrition and Dietetics
 - Journal of Nutrition Education and Behavior
 - Journal of the American Nutrition Association
 - Health Education & Behavior
 - Frontiers in Nutrition
 - Nutrients
 - Nutrition Journal
 - Journal of Nutrition and Metabolism
 - Global Food Security
 - Ecology of Food and Nutrition
 - Annals of Behavioral Medicine
 - Translational Behavioral Medicine
 - Psychosomatic Medicine
 - Psychoneuroendocrinology
 - Stress & Health
 - Biomarkers
 - Circulation
 - Circulation: Cardiovascular Quality and Outcomes
 - Journal of the American Heart Association
 - Stroke
 - JAMA Network Open
 - JAMA Health Forum
 - New England Journal of Medicine Catalyst Innovations in Care Delivery
 - British Medical Journal-Open
 - Journal of Epidemiology and Community Health
 - American Journal of Preventive Medicine
 - Preventive Medicine
 - Preventive Medicine Reports
 - Health Equity
 - International Journal of Environmental Research and Public Health
 - Health and Place
 - BMC Public Health
 - Public Health Reports
 - Frontiers in Public Health
 - Research and Reports in Tropical Medicine
 - International Journal of Obesity
 - Obesity
 - Childhood Obesity
 - Plos One

7. 2016 – Present Hispanic Community Health Study/Study of Latinos Special Interest Groups (Diet, SOL Youth, Sociocultural, Career Development)

Service for the Community

1. 2022 – Present Member, San Diego Food Systems Alliance, San Diego, CA
2. 2021 – 2022 Binational Obesity Convening, San Diego, CA- Tijuana, MX
3. September 2019 On-air interview at KPBS (NPR affiliate), San Diego, CA (regarding food insecurity)
4. 2019 – Present Advisory Committee, Good Food District, (and Member of the Urban Agriculture Workgroup) Project New Village- Southeastern San Diego
5. 2018 – Present Advisory Committee, Hunger Free San Diego, San Diego Hunger Coalition
6. 2005 – 2009 Co-Founder and Volunteer Market Manager, All-Local Farmers' Market (now Soda City market), Columbia, SC

Media Coverage

1. [Guest on KQED Forum with Mina Kim: More Californians struggling with food insecurity](#)
2. [The Conversation: U.S. food insecurity surveys aren't getting accurate data regarding Latino families](#)
3. [Houston Chronicle: Food insecurity surveys get inaccurate data on Latino families, report finds](#)
4. [Cornell University: Are we tracking food insecurity correctly? Study takes a closer look](#)
5. [NBC 7 San Diego: Project New Village Mobile Farmers' Market](#)
6. [SDSU 2022 Research Highlights: Tackling Health Disparities](#)
7. [SDSU 2019 – 2020 Research Highlights: Amanda C. McClain](#)
8. [SDSU Research Horizons: Working to Reduce Food Insecurity](#)