

CURRICULUM VITAE

Ya-Ching Amanda Huang

Assistant Professor

Texas A&M University School of Nursing

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EDUCATION

PhD	The University of Texas at Austin, School of Nursing Austin, Texas, USA <i>Dissertation: The Impact of Illness Perception, Diabetes Management Self-Efficacy, and Emotional Distress on Type 2 Diabetes Self-Management among Americans with Chinese Backgrounds</i> Committee: Drs. Alexandra A. Garcia (Chair), Yuri Jang, Miyong T. Kim, & Julie A. Zuniga	12/2018
MSN	Taipei Medical University, College of Nursing, Taipei, Taiwan <i>Thesis: Effects of A Home-Based Walking Program on Perceived Symptom and Mood Status in Postoperative Breast Cancer Women Receiving Adjuvant Chemotherapy.</i> Committee: Drs. Jen-Chen Tsai (Chair), Jie-Jen Lee, & Chia-Chin Lin	06/2009
BSN	Taipei Medical University, College of Nursing, Taipei, Taiwan	06/2002
ADN	Chung Hwa University of Medical Technology, College of Nursing Tainan, Taiwan	06/2000

LICENSURE AND CERTIFICATES

Registered Nurse (Texas, 2015 - Current, #890285)
Registered Nurse (New York, 2013 - 2018, #667530)
Registered Nurse (Taiwan, 2000 - Current, #082680)
Basic Life Support (BLS) certification (2002 - Current)

PROFESSIONAL ACDEMIC EXPERIENCE

Texas A&M University School of Nursing

Assistant Professor, Tenure Track

2022 - Present

Texas State University School of Nursing	
Assistant Professor, Tenure Track	2019 - 2022
University of Texas at Austin, School of Nursing	2015 - 2018
Graduate Research Assistant	
<ul style="list-style-type: none"> ● The Cain Center for Nursing Research ● PI: Dr. Miyong Kim; Funding: NINR grant (P30NR015335) & Michael & Susan Dell Foundation ● PI: Dr. Yuri Jang; Funding: The City of Austin, Texas 	
Taipei Medical University, College of Nursing	2011 - 2012
Graduate Research Assistant	
<ul style="list-style-type: none"> ● PI: Dr. Jen-Chen Tsai; Funding: National Science Council, Taiwan 	

PROFESSIONAL NURSING PRACTICE

MacKay Memorial Hospital and the Taiwan Ministry of Foreign Affairs	Jan 2013 - July 2013
Registered Nurse and Project Manager in Republic of Kiribati	
<ul style="list-style-type: none"> ● Pioneered foundational work for new a Taiwan medical service program in the Republic of Kiribati ● Local health care system evaluation in Republic of Kiribati ● Analyzed chronic disease care prevalence rate, causes, and management evaluation in Republic of Kiribati ● Proposal writing for a community-based diabetes education intervention program for Republic of Kiribati ● Launched pilot study for the community-based diabetes education intervention program in the Tarawa Island in Republic of Kiribati 	
MacKay Memorial Hospital, Taipei, Taiwan	July 2002- Feb 2010
Registered Nurse	
<ul style="list-style-type: none"> ● Medical Intensive Care Unit (6 years) ● Out-Patient Department (1.5 years) 	
Taipei City Hospital, Songde Branch, Taipei, Taiwan	Apr 2002 - Jun 2002
Registered Nurse	
<ul style="list-style-type: none"> ● Acute psychiatric patient care unit 	

HONORS AND AWARDS

2020 Faculty Excellence Award, Outstanding Scholarship, Texas State University, College of Health Professions	Aug 2021
Teaching Award of Honor, Texas State Alumni Association	May 2020
Scholarship and Teaching Excellence Program (STEP) at Texas State University	Apr 2020
Longhorn Village Chapter Scholarship	Sep 2018

American Public Health Association (APHA)-Public Health Nursing Scholarship	Aug 2018
Research Poster was selected for featured poster section in the 2018 Society of Behavioural Medicine (SBM) Annual Meeting	Apr 2018
Doctoral Student Fellowship, Transdisciplinary Collaborative Research in Self-Management Center (TCRSS; NIH-funded P30), School of Nursing at UT-Austin	2015 - 2018
First place student poster in the Public Health Nursing section in the 2017 American Public Health Association (APHA) Annual Meeting	Nov 2017
Kuhn Family Intellectual Entrepreneurship (IE) Award- UT Austin	Sep 2017
Graduate School Professional Development Award - School of Nursing at UT Austin	May 2017
Sigma Theta Tau Epsilon Theta Chapter Scholarship - School of Nursing at UT Austin	Apr 2016
Deans Scholar Fellowship - School of Nursing at UT Austin	Sep 2014
Lillie S. Matthews Endowed Scholarship -School of Nursing at UT Austin	Jun 2014
Deans Scholar Fellowship - School of Nursing at UT Austin	Sep 2013

SCHOLARSHIP

RESEARCH GRANTS – FUNDED AND ACTIVE

Principal Investigator:

- 2024-2024 Increase Community Health Assessment Engagement and Implement Community Led Solutions in Rural Communities to Address Health Disparities in Williamson County, Texas. Dell Medical School, University of Texas at Austin, CAP-HEP CBPR Seeding grant. Role: PI
- 2023 Developing a Hypoglycemia Gamulation to Enhance Diabetes Knowledge and Self-Care Skills among People with Diabetes. Supported by faculty start-up funding. Role: PI

Additional Research Projects

- 2022-2026 Texas A&M School of Nursing Mobile Care Access through Rural Engagement and Education (TXAN Mobile CARE). HRSA: Health Resources and Services Administration. Role: Program Evaluator.

RESEARCH GRANTS – Under Review

- 2024-2026 Development and Validation of Hypoglycemia Gemmulation to Enhance Blood Sugar Management among Underserved People with Diabetes. Institute for Healthcare Advancement Research Program. Role: PI

- 2024-2025 Development and Validation of Gemmulations to Enhance Diabetes Self-Management Skills among Underserved People with Diabetes. Texas A&M Health Science Center. Role: PI
- 2024-2025 Developing and Validating a Hypoglycemia Gamulation to Enhance Diabetes Knowledge and Self-Care Skills among People with Diabetes- A Pilot Study. Sigma Small Grants. Role: PI

RESEARCH PROJECTS COMPLETED

- 2023 Physical Activities, Screening, and Education (PASE) for a Healthy Community. The Williamson County and Cities Health District (WCCHD) 2023 Community Solutions Grant. Role: PI
- 2021-2022 Revision and psychometric evaluation of the diabetes knowledge questionnaire to address health disparities among Chinese Americans with type 2 diabetes. Research Enhancement Program (REP) grants, Texas State University. Funded. Role: PI
- 2020-2022 Factors associated with dental care utilization and oral health among people with type 2 diabetes. Department start-up grant, Texas State University. Funded. Role: PI
- 2017-2018 The impact of illness perception, diabetes management self-efficacy, and emotional distress on type 2 diabetes self-management among Americans with Chinese backgrounds. Hogg Foundation Frances Fowler Wallace Memorial Award. Funded. Role: PI
- 2017-2018 The impact of illness perception, diabetes management self-efficacy, and emotional distress on type 2 diabetes self-management among Americans with Chinese backgrounds. "Sigma Theta Tau Epsilon Theta Chapter Research Grant. Funded. Role: PI

RESEARCH PROJECTS NOT FUNDED

- 2024-2024 Impact of Social Determinants on Glucose Variability on Korean Americans with Type 2 Diabetes. Southern Nursing Research Society (SNRS) Research Grant. Scored and not funded. Role: PI
- 2024-2026 Mindful self-care intervention to improve health outcomes in persons with spinal cord injury-pilot study. Craig H. Neilsen Foundation. Submitted and not funded. Role: Co-I
- 2023 Developing and Validating a Hypoglycemia Gamulation to Enhance Diabetes Knowledge and Self-Care Skills among People with Diabetes. Panther Research & Innovation for Scholarly Excellence (PRISE) Grant. Submitted and not funded. Role: Texas A&M University site PI
- 2022 Influence of social connections on health outcomes for people with diabetes. National Institutes of Health (PA-20-185). Submitted and not funded. Role: CO-I
- 2021 Influence of social connections on health outcomes for people with diabetes. National Institutes of Health (PAR-21-145). Scored. Not funded. Role: CO-I

- 2020 Social isolation linked with outcomes in people experiencing diabetes (SILOED). National Institutes of Health (PAR-19-373). Scored. Not funded. Role: CO-I
- 2020 The impact of health literacy on diabetes management among older people living in rural areas. Sigma Theta Tau Alpha Beta Chapter, Hogstel gerontological nursing research award. Submitted and not funded. Role: PI
- 2019 Factors associated with dental care utilization and oral health among people with type 2 diabetes. “Research Enhancement Program, Texas State University”. Submitted and not funded. Role: PI

PUBLICATIONS

(For a complete list see: <https://www.ncbi.nlm.nih.gov/myncbi/ya-ching.huang.1/bibliography/public/>)

N=21 publications, 17 data-based, 6 first authored, 8 second authored. Google scholar citation as of 2/7/2022 =248, h-index = 8, i10-index = 8

[KEY: * = data-based paper; bold = my authorship; underline = student author; IF=Impact Factor]

Peer-Reviewed Publications

1. Kuo, H. J., García, A. A., **Huang, Y. C.**, Zuñiga, J. A., Benner, A. D., Cuevas, H., Fan, K. C., & Hsu, C. Y. (2023). Impact of fatigue and its influencing factors on diabetes self-management in adults with type 2 diabetes: A structural equation modeling analysis. *The Science of Diabetes Self-Management and Care*. <https://doi.org/10.1177/26350106231205029> (2023 IF=3.2)
2. *Zuniga, J., **Huang, Y.-C. A.**, Bang, S.-H., Cuevas, H., Huston, T., Heitkemper, E., ... Garcia, A. (2023). Revision and psychometric evaluation of the Diabetes Knowledge Questionnaire for People with Type 2 Diabetes. *Diabetes Spectrum*. <https://doi.org/10.2337/ds22-0079> (2023 IF=1.649)
3. Bang, S. H., **Huang, Y-C.**, Kuo, H-J., Cho, E. & Garcia, A. (2023). Health status of Asian refugees in the United States: An integrative review. *Public Health Nursing*. <http://doi.org/10.1111/phn.13167> (2022 IF=2.1)
4. ***Huang, Y-C.**, Cho, E., Kuo, H-J., & Garcia, A. (2022). The influences of depression and loneliness on A1C among middle-aged and older adults with diabetes. *Psychology Health & Medicine*. <https://doi.org/10.1080/13548506.2022.2124287> (2022 IF=3.8)
5. *Garcia, A. A., **Huang, Y-C.**, & Zuniga, J. A. (2022). The impact of depression and illness perception on quality of life among Latinos with Type 2 Diabetes. *Journal of Immigrant and Minority Health*. <https://doi.org/10.1007/s10903-022-01338-4> (2022 IF=2.3)
6. *Yoon. H., Kim, S., Naseh, M., **Huang, Y-C.**, & Jang, Y. (2021). Chronic conditions and psychological distress in older Asian Americans: the role of subjective health perception. *Journal of Gerontological Social Work*. <https://doi.org/10.1080/01634372.2021.2005213> (2022 IF=3.2)
7. *Lin, L-C., **Huang, Y-C.**, Carter, P., & Zuniga, J. A. (2021). Resilience among nurses in long term care and rehabilitation settings. *Applied Nursing Research*. <https://doi.org/10.1016/j.apnr.2021.151518> (2023 IF=2.2)
8. ***Huang, Y-C.**, Cuevas, H., Zuniga, J.A., & Garcia, A. A. (2021). Predictor of subjective cognitive decline among people with diabetes: Secondary analysis of BRFSS data. *The*

- Science of Diabetes Self-Management and Care*. <https://doi.org/10.1177/26350106211001761> (2023 IF=3.2)
9. *Cuevas, H., Heitkemper, E., **Huang, Y-C.**, Jang, D. E., Garcia, A., & Zuniga, J. A. (2021) A meta-analysis and systemic review of patient activation in people living with chronic conditions. *Patient Education and Counselling*. <http://doi:10.1016/j.pec.2021.02.016> (2023 IF=3.5)
 10. Kuo, H-J., **Huang, Y-C.**, & Garcia, A.A. (2021). An integrative review of fatigue in adults with type 2 diabetes mellitus: Implications for self-management and quality of life. *Journal Of Clinical Nursing*. <https://doi:10.1111/jocn.16058> (2022 IF=4.2)
 11. ***Huang, Y-C.**, Zuniga, A., & Garcia, A. (2020). Illness perceptions as a mediator between emotional distress and self-efficacy among Chinese Americans with type 2 diabetes. *Ethnicity and Health*. <https://doi:10.1080/13557858.2020.1817339> (2022 IF=3.1)
 12. ***Huang, Y-C.**, Zuniga, A., Hua, Y., Garcia, A. (2020). Emotional distress and self-rated health among middle-aged and older Chinese Americans with type 2 diabetes. *Journal of Immigrant and Minority Health*. <https://doi:10.1007/s10903-020-01062-x> (2022 IF=2.3)
 13. *Kuo, H-J., **Huang, Y-C.**, Garcia, A. (2020). Fatigue, pain, sleep difficulties, and depressive symptoms in Mexican Americans and Chinese Americans with type 2 diabetes. *Journal of Immigrant and Minority Health*, 22(5), 895-902. <https://doi:10.1007/s10903-020-01001-w> (2022 IF=2.3)
 14. *Zuniga, J.A., **Huang, Y-C.**, Cuevas, H., Vasquez, L., & Garcia, A. A. (2020). An interdisciplinary approach using case management and clinical pharmacy improves results for people with diabetes. *Research in Social & Administrative Pharmacy*, 16(10), 1387-1391. <https://doi:10.1016/j.sapharm.2020.01.011> (2023 IF=3.9)
 15. **Huang, Y-C.** & Garcia, A. A. (2020). Culturally-tailored intervention for chronic disease self-management in Chinese Americans: A systematic review. *Ethnicity and Health*, 25(3), 465-484. <https://doi:10.1080/13557858.2018.1432752> (2022 IF=3.1)
 16. *Becker, H., Ndlovu., C., **Huang, Y-C.**, & Rowin., A. (2019). Change over time in ratings of new nurses on the appraisal of nursing practice. *The Journal of Nursing Administration*, 49(10). 503-508. <https://doi:10.1097/NNA.0000000000000794> (2023 IF=2.1)
 17. ***Huang, Y-C.**, Zuniga, J.A., & Garcia, A. A. (2019). Association between sleep and serious psychological distress in patients with diabetes. *Psychology, Health & Medicine*, 24 (1), 925-936. <https://doi.org/10.1080/13548506.2019.1612075> (2022 IF=3.8)
 18. *Zuñiga, J.A., García, A.A., Fordyce, J., Park, J., **Huang, Y-C.**, & Champion, J. (2019). Predictors of flu vaccination in persons living with HIV. *Journal of the Association of Nurses in AIDS Care*, 30(5), 593-597. <https://doi:10.1097/JNC.000000000000013> (2023 IF=1.8)
 19. *Jang, Y., Park, N. S., Yoon, H., **Huang, Y-C.**, Rhee, M., Chiriboga, D. A., & Kim, M. T. (2018). The risk typology of healthcare access and its association with unmet

healthcare needs in Asian Americans. *Health and Social Care in the Community*, 26(1), 72-79. [https://doi: 10.1111/hsc.12463](https://doi.org/10.1111/hsc.12463) (2022 IF=2.39)

20. *Jang, Y., **Huang, Y-C.**, Yoon, H., & Lin, S. (2016). Correlates of self-rated health and self-rated mental health in older Chinese Americans. *Social Work in Public Health*, 31(4), 309-315. <https://doi.org/10.1080/19371918.2015.1137515> (2022 IF=2.5)
21. *Yang, C. Y., Tsai, J. C., **Huang, Y. C.**, & Lin, C. C. (2010). Effects of a home-based walking program on perceived symptom and mood status in postoperative breast cancer women receiving adjuvant chemotherapy. *Journal of advanced nursing*, 67(1), 158-168. <https://doi.org/10.1111/j.1365-2648.2010.05492.x> (2023 IF=3.8)

Book Chapters

Huang, Y-C., Bolin, J.N., Ory, M., Brandford, A., Ferdinand, A, Shrestha, A., & Sanallah, A. (2024). The impact of diabetes on rural Americans. In A. O. Ferdinand, J.N. Bolin & J. Helduser (Eds.), *Rural Healthy People 2030, vol. 2*. Texas A&M University School of Public Health, Southwest Rural Health Research Center.

Articles under Review

- ***Huang, Y.-C. A.**, Bhattarai, M., Cho, E., & Yoo, H. (Revise & Resubmit). Impact of social and emotional support on serious psychological distress among people with functional disability and type 2 diabetes. *Chronic Illness*.
- *Kuo, H., **Huang, Y.-C.** & Garcia, A. Fatigue Characteristics and Subtypes in Adults with Type 2 Diabetes Mellitus: A Latent Profile Analysis. *Journal of Clinical Nursing*
- *Cho, E., Garcia, A., Zuniga, J., Cuevas, H., & **Huang, Y-C.** Full Title: Factors associated with loneliness in older adults with diabetes in the United States. *Nursing Research*.

Other Publications and Reports

- ***Huang, Y.-C.**, Garcia, A., Cho, E., & Kuo, H.-J. (2021). 520-P: The Influences of Loneliness and Depression on A1C among Middle-Aged and Older Adults with Diabetes. *Diabetes*, 70 (supplement_1):520-P. <https://doi.org/10.2337/db21-520-P>
- Cho, E., Garcia, A., **Huang, Y.-C.**, & Kuo, H.-J. (2021). Association between loneliness and disease self-management in older adults: Systematic review. *Innovation in Aging*, 3(Supplement_1), 624–624 <https://doi.org/10.1093/geroni/igab046.2380>
- Kuo, H., Huang, Y.-C., & Garcia, A. (2020). 779-P: Fatigue in Adults with Type 2 Diabetes: An Integrative Review. *Diabetes*, 69(supplement_1),779-P <https://doi.org/10.2337/db20-779-P>
- ***Huang, Y.-C.**, & Garcia, A. (2019). Illness perception as a determinant of self-rated health among older Chinese Americans with type 2 diabetes. *Innovation in Aging*, 3 (supplemen_1), S493. <https://doi.org/10.1093%2Fgeroni%2Ffig038.1829>

- ***Huang, Y.-C.**, Garcia, A., & Zuniga, J. (2018). Diabetes Knowledge and Numeracy among Under- or Uninsured Latinos with Type 2 Diabetes. *Diabetes*, 67 (supplemen_1): 652-P. <https://doi.org/10.2337/db18-652-P>

PRESENTATIONS (*Mentored Student, ** Non-refereed)

International Conference/Organization Presentations:

- Huang, Y.-C.**, Zuniga, J., Garcia (2023). *Numeracy and Diabetes Knowledge Among People with Type 2 Diabetes*. Poster will be presented at the American Public Health Association Atlanta, GA, United States.
- Huang, Y.-C.**, Zuniga, J., Garcia. (2023). *Oral health knowledge and risk of periodontitis in diabetes management self-efficacy among people with type 2 diabetes*. Poster presented at the International Council of Nurses annual meeting. Montreal, Canada.
- Zuniga, J., **Huang, Y.-C.**, Garcia. (2023). *Factors associated with diabetes knowledge among people with type 2 diabetes*. Poster presented at the International Council of Nurses annual meeting, Canada.
- Huang, Y.-C.**, Zuniga, J., Bong, S.H*, Garcia, A. (2022). *Diabetes Knowledge and Numeracy among BIPOC with Type 2 Diabetes*. Poster presented at the 3rd International Indigenous Nursing Research Summit. Austin, TX, United States.
- Bang, S. H*, **Huang, Y.-C.**, Zuñiga, J., & García, A. (2022). *Type 2 Diabetes Mellitus Self-Management Among Refugees: An Integrative Review*. Poster presented at the 3rd International Indigenous Nursing Research Summit. Austin, TX, United States.
- Cho, E.* , Garcia, A. A., **Huang, Y.-C.**, & Kuo, H-J*. (2021). *Loneliness and disease self-management in older adults: A systematic review*. Poster presented at the Gerontological Society of America (GSA) Annual Scientific Meeting, Hybrid meeting.
- Huang, Y.-C.**, Cho, E.* , Kuo, H-J.* , & Garcia, A.A. (2021). *The influences of depression, and loneliness on A1C among middle-aged and older adults with diabetes*. Poster presented at the American Diabetes Association Annual Meeting, Virtual.
- Kuo, H-J.* , **Huang, Y.-C.**, & Garcia, A.A. (2020). *Fatigue in adults with type 2 diabetes mellitus: An integrative review*. Poster presented at the American Diabetes Association Annual Meeting, Virtual.
- Huang, Y.-C.**, Zuniga, J.A., & Garcia, A. A. (2020). *Predictor of subjective cognitive decline among people with diabetes: Secondary analysis of BRFSS data*. Poster presented at the Society of Behavioral Medicine Annual Meeting. San Francisco, CA. United States.
- Huang, Y.-C.**, Zuniga, J., & Garcia, A.A. (2019). *Illness perception as a determinant of self-rated health among older Chinese Americans with type 2 diabetes*. Poster presented at the Gerontological Society of America Annual Scientific Meeting. Austin, TX. United States.
- Kuo, H.-J.* , **Huang, Y.-C.**, & Garcia, A.A. (2019). *Fatigue, pain, sleep difficulties, and depressive symptoms in Mexican Americans and Chinese Americans with type 2 diabetes*. Poster presented at the American Public Health Association. Philadelphia, PA, United States.

International Conference/Organization Presentations:

- Huang, Y-C.,** Garcia, A. A., & Zuniga, J. (2018). *Emotional distress, illness perception, and diabetes management self-efficacy in Chinese Americans with type 2 diabetes*. Poster presented at the American Public Health Association. San Diego, CA, United States.
- Huang, Y-C.,** Zuniga, J., & Garcia, A. A. (2018). *Factors associated with dental care utilization in patients with diabetes in central Texas*. Poster presented at the Society of Behavioral Medicine Annual meeting. New Orleans, LA, United States.
- Menking, P., Murry, N., Hecht, J., **Huang, Y-C.,** Ko, J., Royse, K., Kim, M. (2018). *What do CHWs need? Let's Ask!:Lessons from a statewide survey*. Roundtable discussion at the American Public Health Association. San Diego, CA, United States.
- Huang, Y-C.,** Garcia, A. A. & Zuniga, J. (2018). *Diabetes, diabetes knowledge and numeracy among under-or uninsured Latinos with type 2 diabetes*. Moderated discussion at the American Diabetes Association (ADA) 78th Annual meeting, Orlando, FL, United States.
- Huang, Y-C.,** & Garcia, A. A. (2017). *Access to diabetes care for the underserved people of central Texas*. Poster presented at the American Public Health Association Conference, Atlanta, GA, United States.
- Huang, Y-C.,** Menking, P., Ko, J., Kim, M. T., Hecht, J., Murry, N., Royse, K., Phillips, C. (2017). *A comprehensive intervention to enhance sustainable work opportunities for CHWs*. Roundtable discussion at the American Public Health Association Conference, Atlanta, GA, United States.
- Menking, P., Kim, M. T., Ko, J., Hecht, J., **Huang, Y-C.,** Murry, N., Royse, K., Phillips, C. (2017). *A multi-level workforce analysis of CHWs in Texas*. Podium presentation at the American Public Health Association Conference, Atlanta, GA, United States.
- Garcia, A. A., & **Huang, Y-C.** (2015). *Latinos' diabetes knowledge and numeracy*. Poster presented at the Society of Behavioral Medicine Annual meeting. San Antonio, TX, United States.

National Conference/Organization Presentations:

- Menking, P., **Huang, Y-C.,** & Murry, N. (2017). *Lessons learned: CHW workforce in central Texas 18 years after certification*. Roundtable discussion at the National Association of Community Health Workers (NACHW) Unity Conference. Dallas, TX, United States.

Regional Conference/Organization Presentations:

- Zuniga, J., **Huang, Y-C.,** Bang, S.H*, Cuevas, H., Hutson, T., Heitkemper, E., Cho, E*, & Garcia, A. (2023). *Revision of the diabetes knowledge questionnaire*. Podium presentation at the Southern Nursing Research Society. Orlando, FL, United States.
- Huang, Y-C.** & Bhattarai, M. (2023). *Impact of social and emotional support on serious psychological distress among people with functional disability and type 2 diabetes*. Poster presented at the Southern Nursing Research Society. Orlando, FL, United States.
- Huang, Y-C.,** Garcia, A. A., & Jacobo, M*. (2022). *Oral health knowledge and risk of periodontitis in people with type 2 diabetes: preliminary analysis*. Poster discussion at the Southern Nursing Research Society. New Orleans, LA, United States.

International Conference/Organization Presentations:

- Hua, Y*., **Huang, Y-C.**, Zuniga, J., & Garcia, A. A. (2019). *The impact of diabetes distress on self-rated health among Chinese Americans with type 2 diabetes*. Poster discussion at the Southern Nursing Research Society. Orlando FL, United States.
- Huang, Y-C.**, Garcia, A. A., Zuniga, J., & Kei, K*. (2018). *The impact of depression and illness perception on quality of life among Latinos with type 2 diabetes*. Poster discussion at the Southern Nursing Research Society Conference, Atlanta, GA, United States.
- Huang, Y-C.** & Jang, Y (2017). *Sociocultural determinants of self-rated health among Chinese Americans*. Poster presented at the Southern Nursing Research Society. Dallas, TX, United States.

State and Local Conference/Organization Presentations:

- Cho, E.*, Garcia, A., **Huang, Y-C.**, & Kuo, H-J*. (2020). *Correlation between social isolation and health behaviors among older adults: Scoping Review*. Poster presented at the St. David's Center for Health Promotion & Disease Prevention Research in Underserved Populations (CHPR), Austin, TX, United States.
- Hecht, J., **Huang, Y-C.**, & Kim, M.T. (2019). *Hearing the voices of CHWs statewide: border versus non-border counties- findings from a workforce survey*. Podium presentation at the Texas Public Health Association (TPHA) Conference, San Antonio, TX, United States.
- Huang, Y-C.**, & Jang, Y. (2017). *Factors associated with mental distress in Chinese Americans: Application of the social determinants of health model*. Poster presented at the 4th Annual Cultural Inclusion Institute, San Antonio, TX, United States.
- Huang, Y-C.** (2017). *Sleep problems and mental distress in patients with diabetes: Findings from the 2013 National Health Interview Survey*. Poster presented at the St. David's Center for Health Promotion & Disease Prevention Research in Underserved Populations (CHPR), Austin, TX, United States.
- Lyles, M., Hoffman-Arriaga, L., **Huang, Y-C.**, Ko, J. (2017). *Community-based Tai Chi training and its effects on balance and patient activation for the elderly*. Poster presented at the St. David's Center for Health Promotion & Disease Prevention Research in Underserved Populations (CHPR) , Austin, TX, United States.
- Huang, Y-C.**, Jang, Y., Yoon, H., & Lin, S. (2016). *Factors associated with self-rated health (SRH) and self-rated mental health (SRMH) in older Chinese Americans*. Poster presented at the St. David's Center for Health Promotion & Disease Prevention Research in Underserved Populations (CHPR), Austin, TX, United States.
- Huang, Y-C.**, Brown, S. A., Kim, M. T. (2015). *A culturally tailored primary and secondary prevention program for chronic disease in Chinese Americans: An integrative review*. Poster presented at the St. David's Center for Health Promotion & Disease Prevention Research in Underserved Populations (CHPR), Austin, TX, United States.
- Huang, Y-C.** (2014). *Factors that influence type 2 diabetes management among Chinese immigrants*. Poster presented at the St. David's Center for Health Promotion & Disease Prevention Research in Underserved Populations (CHPR), Austin, TX, United States.

Research Experience2017- 2018 **Graduate Research Assistant (PI: Dr. Julie Zuniga)***School of Nursing at UT-Austin***Project:** “Clinical outcomes of persons with the comorbid diagnosis of HIV and Diabetes, a comparison Study”

- Evaluated clinical outcomes between groups with different access to diabetes care
- Analyzed factors associated with dental utilization among patients with diabetes
- Participated in manuscript writing

2017- 2018 **Graduate Research Assistant***The Cain Center for Nursing Research at UT-Austin*

- Managed and analyzed data for nurse training programs for Ascension Seton Hospital supervised by Dr. Heather Becker
- Mentored nursing students in solving statistics and data analysis problems
- Managed and analyzed data for faculty in the School of Nursing

2015- 2018 **Doctoral Student Fellow***Transdisciplinary Collaborative Research in Self-Management Center (TCRSS) in the School of Nursing at UT-Austin***Funding:** NIH (P30NR015335) PI: Dr. Miyong Kim

- Coordinated center and community events
- Performed surveys and analyzed evaluations for quality and improvements
- Partnered with community organizations to implement educational health services
- Performed data management and analysis for community organizations

Summer
2017**Graduate Research Assistant (PI: Dr. Miyong Kim)***School of Nursing at UT-Austin***Project:** “Community Health Worker Academy”**Funding:** Michael & Susan Dell Foundation

- Assisted in the development of survey questionnaires for CHWs, Employers, and Institutes
- Set-up online survey and data management
- Quantitative data analysis and report writing
- Qualitative data analysis from interviews
- Participated in report writing and conference presentation
- Participated in manuscript writing

2015- 2016 **Project Coordinator (PI: Dr. Yuri Jang)***School of Social Work at UT-Austin***Project:** "Asian American Quality of Life (AAQoL) Survey"**Funding:** The City of Austin, Texas

- Assisted in the development of survey questionnaires and translation
- Participated in the development of ethnic resource database

- Coordinated the data collection sites and schedules
- Conducted community assessment and participants recruitment (Total of 2,600 participants representing Asian American groups in Austin, including Chinese, Vietnamese, Asian Indian, Korean, Filipino, and others)
- Conducted data management and analyses
- Participated in report and manuscript writing

Jan 2013- **Registered Nurse and Project Manager**

July 2013 *Expatriate in the Republic of Kiribati by MacKay Memorial Hospital and the Ministry of Foreign Affairs (Taiwan)*

- Pioneered foundational work for new Taiwan medical program in the Republic of Kiribati
- Local health care system evaluation
- Analyzed chronic disease care prevalence rate, causes, management evaluation
- Proposal writing for a community-based diabetes education intervention program
- Launched pilot study for the community-based diabetes education intervention program

Sep 2011- **Graduate Research Assistant (PI: Dr. Jen-Chen Tsai)**

Aug 2012 *College of Nursing in Taipei Medical University, Taiwan*

Project: Illness perception and disease management behaviors in patients with heart failure: Theory-driven intervention studies

Funding: National Science Council, Taiwan

- Researched the benefits of an exercise training program for patients with peripheral arterial disease, and illness perception and disease management behaviors in patients with heart failure
- Conducted literature reviews of research projects topics and manuscript writing

TEACHING

Texas A&M University College of Nursing

2024 - Spring	NURS 315 Nursing and Aged Clinical, 3 cr., 100% responsible
2023 - Fall	NURS 729 Analytic Methods for Research & Evidence-based Practice, 3 cr., 50% responsible, (co-constructed with Dr. Paul Thomas Clements, PhD RN in Summer 2023)
2023 - Fall	NURS 411 Evidence-Based Practice for Nurses, course lead, 3 cr., 100% responsible
2023 - Spring	NURS 424 Cr., Professional Issues. Interprofessional Social and Ethical Dilemmas in Healthcare, group discussion facilitator., 2 cr. 30% responsible
2023 - Spring	NURS 411 Evidence-Based Practice for Nurses, course lead, 3 cr., 100% responsible
2022 - Fall	NURS 424 Cr., Professional Issues. writing group, 3 cr., 100% responsible

2022 - Fall NURS 411 Evidence-Based Practice for Nurses, course lead, 3 cr., 100% responsible

Previous Academic Appointments- Texas State University

2022 - Spring NURS 3302 Research and Ethics, 3 cr., 100% responsible

2022 - Spring NURS 4341 Leadership and Management of Nursing Care Clinical Practicum, 3 cr., 100% responsible

2021 - Fall NURS 3110 Health Assessment Across the Life Span Practicum, 1 cr., 4 lab hours, 100% responsible

2021 - Fall NURS 3121 Essentials of Nursing Care Practicum, 1 cr., 4 lab hours, 100% responsible

2021 - Fall NURS 3300 Foundations of Professional Nursing Practice, 3 cr., 100% responsible

2021 - Spring NURS 3302 Research and Ethics, 3 cr., 100% responsible

2021 - Spring NURS 3240 Nursing Care Across the Life Span Clinical Practicum, 2 cr., 100% responsible

2020 - Fall NURS 3110 Health Assessment Across the Life Span Practicum, 1 cr., 4 lab hours, 100% responsible

2020 - Fall NURS 3121 Essentials of Nursing Care Practicum, 1 cr., 4 lab hours, 100% responsible

2020 - Fall NURS 3300 Foundations of Professional Nursing Practice, 3 cr., 100% responsible

2020 - Spring NURS 3302 Research and Ethics, 3 cr., 100% responsible

2020 - Spring NURS 4341 Leadership and Management of Nursing Care Practicum, 3 cr., 100% responsible

2019 - Fall NURS 3110 Health Assessment Across the Life Span Practicum, 1 cr., 4 lab hours, 100% responsible

2019 - Fall NURS 3121 Essentials of Nursing Care Practicum, 1 cr., 4 lab hours, 100% responsible

DISSERTATION/THESIS/SCHOLARLY PROJECT MENTORSHIP

Doctoral Student Practicum

Current: DrPH student, Yanyan Chen, Texas A&M University, School of Public Health. Date: January 16 to May 19, 2023, 10 hours/week.

Completed: DrPH student, Alfiya Shaikh Mohd Rafiq, Texas A&M University, School of Public Health. Date: May 16 to August 19, 2023, 20 hours/week.

Dissertation, Committee Member

Current: DNP student- Pedraza, Angelic, Texas A&M University. (M. Sorenson, Chair).
Degree completion Expected: Fall/2024

Current: DNP student- Pena, Lila, Texas A&M University. (M. Sorenson, Chair).
Degree completion Expected: Fall/2024

Current: DNP student- Ellison, Kelsey, Texas A&M University. (P. Clement, Chair).
Degree completion Expected: Fall/2024

Current: DNP student- Joyal, Christopher, Texas A&M University. (P. Clement, Chair).
Degree completion Expected: Fall/2024

Current: Doctoral Candidate- Bang, Sohyeon, The University of Texas at Austin, School of Nursing. Type 2 Diabetes Mellitus Self-Management of Burmese Refugees in Texas: A Rapid Ethnographic Assessment. (A., Garcia, Chair). Degree completion Expected: Spring/2024

Completed: PhD- Cho, Emma, The University of Texas at Austin, School of Nursing. Loneliness and Physical Activity in Older Adults with Diabetes Mellitus. (A., Garcia, Chair). Completed, Spring/2023

Completed: PhD- Kuo, Hsuan-Ju, The University of Texas at Austin, School of Nursing. Fatigue and Diabetes Self-Management in Adults with Type 2 Diabetes in Taiwan: A Structural Equation Modeling Approach. (A., Garcia, Chair). Completed, Fall/2021

SERVICE TO THE PROFESSION

Manuscript Reviewer (Ad-Hoc Reviewer)

Journal of Advanced Nursing, 2024-present

Research on Aging, 2021-present

Chronic Illness, 2021-present

American Journal of Health Behavior, 2020-present

Current Psychology, 2020-present

Journal of Sleep Research, 2020-present

Journal of Immigrant and Minority , 2020-present

Texas Public Health Journal, 2020-present

American Journal of Health Behavior, 2020-present

Psychology, Health & Medicine, 2019-present

Journal of Neuroscience Nursing, 2019-present

Western Journal of Nursing Research, 2019-present

Scientific Reports, 2019-present

Abstract Reviewer

The American Public Health Association (APHA), 2017- present

Gerontological Society of America (GSA), 2020-2021

Southern Nursing Research Society (SNRS) Conference, 2023-present

Grant Proposal Reviewer

State and Local Funding Sources

Texas State University internal grant, Research Enhancement Program (REP), grant proposal review, 2021

SERVICE TO THE UNIVERSITY AND COLLEGE

Texas A&M University School of Nursing Committees:

- 2023- Present By Law, member
- 2023 - Present Research, member
- 2022 - Present Faculty of the Whole, member
- 2022 - Present Undergraduate Team, member
- 2022 - 2023 Climate & Diversity Committee, member

Texas State University Committees:

- 2021 - 2022 Institutional Review Board (IRB), member
- 2021 - 2022 Grant proposal review committee, Research Enhancement Program (REP), Member

Texas State University College of Health Professions Committees:

- 2020 - 2022 WELLCHPS, College of Health Professions, Member

Texas State University School of Nursing Committees:

- 2021 - 2022 Undergraduate Program Evaluation, member
- 2021 - 2022 Nursing Peer Review, member
- 2020 - 2022 Undergraduate Student Council, member
- 2020 - 2022 Undergraduate Curriculum, member
- 2019 - 2022 Faculty Assembly, member
- 2019 - 2022 Faculty/Student Governance, member

2019 - 2022 Strategic Plan Committee, member

2019 - 2022 Strategic Plan Committee, member

MEMBERSHIP AND INVOLVEMENT IN PROFESSIONAL ORGANIZATIONS

American Nurses Association (ANA) – member; 2019 - present

 Texas Nurses Association, 2019 – present

American Diabetes Association (ADA), member, 2018-2021

American Public Health Association (APHA), member, 2017- present

Sigma Theta Tau International Nursing Honor Society, member; 2016- present

 Epsilon Theta Chapter, member, 2016-2019

 Theta Tau Chi Psi Chapter, Secretary, 2020-2022

 Phi Iota, Governance Committee, 2023 – present

Southern Nursing Research Society (SNRS), member, 2017 - present

National League for Nursing (NLN), member, 2019 - present

The Gerontological Society of America (GSA), 2019-2021

PROFESSIONAL SERVICE TO THE COMMUNITY

People’s Community Clinic, Austin, TX

- Data analysis and management (May 2019-August 2019)

Austin Taiwanese Presbyterian Church

- Invited lecturer for promoting community health.

Title: Metabolic Syndrome Prevention (March 2016); *Osteoporosis & Sarcopenia* (July 2018)

Light & Salt Association

Austin Branch & Houston Branch

- Invited lecturer for promoting community health

Title: Diabetes and Self-Management (Jan 2018)

Taiwan Root Medical Peace Corps

- Worked with mobile medical team providing treatment in impoverished areas in Guatemala, Honduras, and Nicaragua (Aug 2010)
- Worked with a medical rescue mission for two weeks in Haiti (Jan 2010)

MacKay Memorial Hospital

- Medical service mission in the Republic of Kiribati (Oct 2009)
- Worked with mobile medical team in impoverished areas in the northern part of Thailand (Dec 2007)