

CURRICULUM VITAE

12/13/2023

**Wen Liu, PhD, RN, FGSA
Associate Professor**

Division of Community & Primary Care
 The University of Iowa College of Nursing
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EDUCATION

Dates Attended	Degree	Field of Study	Institution	Location
2021	Graduate Certificate	Translational and Clinical Investigation	University of Iowa	Iowa City, USA
2011 - 2015	Ph.D.	Nursing	University of Maryland at Baltimore	Maryland, USA
2008 - 2011	M.M.	Medicine (Specialized in Gerontological Nursing)	Shandong University	Shandong, China
2003 - 2008	B.M.	Medicine (Specialized in Nursing)	Shandong University	Shandong, China

Ph.D. Dissertation: **Liu., W.** (2015). Optimizing Eating Performance for Long-term Care Residents with dementia. Available from <http://hdl.handle.net/10713/4592>.

Master Thesis: **Liu., W.** (2011). Translation and Validation of the Edinburgh Feeding Evaluation in Dementia scale in people with dementia. Available from <http://cnki.cgl.org.cn/KCMS/detail/detail.aspx?filename=1011223530.nh&dbcode=CMFD&dbname=C MFD2012>

LICENSURES

11/23/15- 4/15/24 Registered Nurse. Iowa Board of Nursing, #142420
 9/29/14- 4/28/17 Registered Nurse. Maryland Board of Nursing, #R213452

PROFESSIONAL EXPERIENCES**Academic Appointments**

Year	Position	Institution	Location
2021-	Associate Professor with Tenure	The University of Iowa College of Nursing	Iowa City, IA, USA
2015-2021	Assistant Professor (Tenure-Track)	The University of Iowa College of Nursing; Center on Aging; Aging Mind and Brain Initiative (UI cluster hire)	Iowa City, IA, USA
07-09/2014	Graduate Teaching Assistant	The University of Maryland School of Nursing Debra L. Spunt Clinical Simulation Labs	Baltimore, MD, USA

2011-2015	Graduate Research Assistant	The University of Maryland School of Nursing Office of Research, the Center for Health Outcomes Research, and Biology and Behavior Across the Lifespan Organized Research Center	Baltimore, MD, USA
2010-2011	Lecturer (part-time)	Shandong Medical College	Shandong, China
2010-2011	Lecturer (part-time) & Teaching Assistant	Jinan Aston English School	Shandong, China
2008-2011	Graduate Research Assistant	Shandong University School of Nursing	Shandong, China
2010-2011	Registered Nurse (part-time)	Huai-yin District Nursing Home	Shandong, China
2009-2010	Registered Nurse (part-time)	Shandong Province Qian-fo-shan Hospital and The Second Hospital of Shandong University	Shandong, China
2007-2008	Intern Nurse	Qi-Lu Hospital of Shandong University	Shandong, China

HONORS/AWARDS

USA

2023	Fellowship, GSA (The Gerontological Society of America) Health Science Section
2023	Fellowship, IMPACT-AD (Institute on Methods and Protocols for Advancement of Clinical Trials in AD/DRD), A comprehensive training program in clinical trials for Alzheimer's disease and related dementias, San Diego, CA
2022	Harriet H. Werley New Investigator Award, Mid-west Nursing Research Society (MNRS), USA
2022	Distinguished Educator in Gerontological Nursing (DEGN), National Hartford Center of Gerontological Nursing Excellence (NHCGNE), USA
2021-2024	Fellowship, NIH/NIA IMPACT Collaboratory's Annual Training Workshop and Retreat (First, Second, Third, Fourth cohorts): Building Skills to Conduct Embedded Pragmatic Clinical Trials for People Living with Dementia and their Care Partners (Virtual)
2021	Scholarship Faculty Award, University of Iowa College of Nursing
2021	Fellowship, Alzheimer's Association Interdisciplinary Summer Research Institute (AA-ISRI, first cohort), Chicago, IL
2020	Fellowship, 2020 Palliative Care Research Cooperative Group (PCRC) Dementia Palliative Care Clinical Trials Intensive (Virtual)
2019	Fellowship, 2019 Summer Institute on Randomized Behavioral Clinical Trials, National Institute of Health (NIH) Office of Behavioral and Social Sciences Research, Potomac, Maryland, USA
2019	New Investigator Award, Mid-west Nursing Research Society (MNRS) Gerontological Nursing Science Research Interest Group (GRIG)
2018	Grantsmanship Award for Duck-Hee Kang Memorial Mentored Workshop for Early Career Nurse Scientists (First Cohort), Council for the Advancement of Nursing Science (CANS)

2016	Old Gold Summer Fellowship, University of Iowa Office of the Provost
2015	Alumni Association Award for Outstanding PhD Graduate, University of Maryland, Baltimore, School of Nursing
2015	Rising Star in Scholarship and Research, Sigma Theta Tau International (STTI) Honor Society of Nursing
2013-2015	Graduate Student Association Travel Award, University of Maryland, Baltimore
2012-2015	DSO Student Research Travel Award, University of Maryland, Baltimore
2013	IJNS-INDEN (International Journal of Nursing Studies- International Network for Doctoral Education in Nursing) Journal Publication Award for "Interventions on mealtime difficulties in older adults with dementia: A systematic review", 2013 INDEN Biennial Conference in Prague, Czech Republic
2013	Best example of Research in Nursing for "Interventions on mealtime difficulties in older adults with dementia: A systematic review" on 2013 George Washington School of Nursing Sigma Theta Tau International (STTI) Honor Society of Nursing Phi Epsilon Chapter Virtual Scholarly Research Exhibition
2013	Scholarly Presentation Award, University of Maryland, Baltimore Sigma Theta Tau International (STTI) Honor Society of Nursing Pi Chapter

China

2011	Student "Wu-Si" Young Scientist Award nomination, Shandong University
2010	Bronze Award in the 7th "Challenge Cup" FAW-Volkswagen Chinese College Students Business Plan Competition, Central Committee of Chinese Communist Youth League, China Association for Science and Technology, Ministry of Education and National Union of Students
2009-2010	Outstanding Graduate Student, Shandong University
2009-2010	Kwang-Hua Graduate Scholarship, Kwang-Hua Education Foundation
2008	Annual Excellent Youth Volunteer, Shandong University
2008	Annual Outstanding Volunteer in Disaster Relief Medical Service Program during Sichuan Earthquake, Communist Youth League of Shandong Province
2004-2006	Outstanding Undergraduate Scholarship, Shandong University

SCHOLARSHIP

Research Interests

- Mealtime behaviors, eating performance, food intake, function, and nutrition in older adults with dementia
- Behavioral interventions, person-centered care, dyadic communication, quality of care interaction, environmental stimulation
- Behavioral videotaping and coding methodologies, observational research
- Tool development and validation (Classical Test Theory & Item Response Theory)

Grants (total funding amount as PI > 1.45 million)

Extramural – Ongoing (N= 3)

2020-2024	Liu, W. (PI, 75% effort), Rakel, B. (primary mentor), Tripp-Reimer, T., Williams, K. (co-mentors), Van Haitsma, K., Batchelor, M. (Consultants), Perkhounkova, Y. (Statistician),
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Buckwalter, K., Resnick, B., & Galik, E. (National council advisors). Optimizing Mealtime Care (OPTIMAL): Development and Pilot Testing of a Person-Centered Mealtime Care Intervention for Nursing Home Residents with Alzheimer's Disease and Related Dementias (ADRD). NIH/NIA (National Institute on Aging), K23AG066856 (Impact Score =10), Total direct/indirect cost: \$702,564.00. 09/15/2020 - 06/30/2024. ClinicalTrials.gov Identifier: NCT05255068

This project aims to develop, evaluate, and refine a theory-based, person-centered mealtime care intervention, Optimizing Mealtime Care (OPTIMAL), and to determine the feasibility, fidelity, and usefulness.

2023-2024 **Liu, W.** (PI, 75% effort), Rakel, B. (primary mentor), Tripp-Reimer, T., Williams, K. (co-mentors), Van Haitsma, K., Batchelor, M. (Consultants), Perkhounkova, Y. (Statistician), Buckwalter, K., Resnick, B., & Galik, E. (National council advisors). Optimizing Mealtime Care (OPTIMAL): Development and Pilot Testing of a Person-Centered Mealtime Care Intervention for Nursing Home Residents with Alzheimer's Disease and Related Dementias (ADRD). NIH/NIA, **Research Continuity and Retention Supplement (Administrative Supplement)** (3K23AG066856-03). Total direct/indirect cost: \$75,600. 06/30/2023 - 06/30/2024.

This award aims to provide research continuity and retention support for the PI (Liu) to complete the aims and activities proposed in the funded K23.

2023-2025 **Liu, W.** (PI, 20% effort) & Perkhounkova, Y. (Statistician, Co-I). Optimizing Mealtime Care and Outcome Measures for Residents with ADRD. Alzheimer's Association's Advancing Research on Care and Outcome Measurement 2.0 (ARCOM 2.0). Award ID: ARCOM-23-1008296. Total direct/indirect cost: \$250,000 (including 10% indirect cost). 6/1/2023-5/31/2025.

This project aims to adapt the refined Cue Utilization and Engagement in Dementia (CUED) video-coding scheme into four clinically practical, psychometrically valid scales to assess mealtime care and outcomes based on an integrated dementia mealtime care framework.

Extramural – Completed (N= 7)

2019-2023 **Liu, W.** (PI, 30% effort in 2019-2020, 1% effort in 2021-2023), Williams, K., & Batchelor-Murphy, M. (Co-Is, 5% effort each), Perkhounkova, Y. (Statistician), Hein, M. (data manager). Caregiver Person-centered and Task-centered Care in Temporal Relation to Mealtime Difficulties and Food Intake in Nursing Home Residents with Dementia. NIH/NIA (National Institute on Aging), R03AG063170 (Impact Score = 25). Total direct/indirect cost: \$336,645.00, 05/15/2019 - 01/31/2023 (including No-Cost Extension)

This project aims to determine the patterns of and temporal associations between caregiver person-centered and task-centered behaviors, and resident mealtime difficulties and intake.

2018-2023 Gardner, S., & Rakel, B. (MPI). Center for Advancing Multimorbidity Science: Profiling risk and symptom expression to develop customized therapies for adults with multiple

chronic conditions (CAMS). NIH/NINR (National Institute of Nursing Research), 1 P20 NR018081-01. Total direct/indirect cost: \$2,226,995. 08/13/2018 - 05/31/2023. **Liu, W.** (Center Faculty Associate).

The Center aims to accelerate the realization of precision health by: a) broadening the conceptual model of multimorbidity science to include symptoms/ symptom clusters; b) training new investigators in multimorbidity science and advanced data analytics; and c) mentoring new investigators from pilot projects through the established programs of research in multimorbidity and precision science

- 2018-2021 **Liu, W.** (PI), Williams, K., & Batchelor-Murphy, M. (Co-Is), Perkhounkova, Y. (Statistician), Hein, M. (data manager). Use of Video-recorded Observations to Examine Caregiver Person-centered and Task-centered Behaviors and Mealtime Difficulties and Intake in Nursing Home Residents with Dementia. American Nurses Foundation Nursing Research Grant (from the Dorothy A. Cornelius Scholar, Virginia Stone, and Hildegard E. Peplau Endowment Funds). Total direct/indirect cost: \$29,950.00 (highest funding amount of the year). 09/01/2018 - 08/31/2021 (including No-Cost Extension). This project aims to test the feasibility, reliability, and usability of the CUED video coding scheme to assess caregiver person-centered and task-centered behaviors, and resident mealtime difficulties.
- 2019-2022 Batchelor-Murphy, M. (PI), **Liu, W.**, Cobbs, E., Dowling, M. (Co-Is), & Resnick, B. (Consultant). Identifying correlations between resident characteristics and feeding assistance strategies on nursing home residents with dementia. George Washington University Cross Disciplinary Research Funds (CDRF). Total direct cost: \$32,460.00. 07/01/2019 - 06/30/2022. This project aims to compare physical assessment of resident neuropathological impairment vs. existing nursing home administrative data (Minimum Data Set 3.0), and ascertain the impact of Nurses Optimizing Supportive Handfeeding (delivered by Research Assistants) vs. usual care (delivered by NH staff) on resident meal intake.
- 2019-2020 Shaw, C. (PI), Herr, K. (Sponsor), Williams, K. (Co-Sponsor), Rakel, B., **Liu, W.**, Gordon, J., & Matthews, G. (consultants). Resistiveness in Dementia: Nurse Communication in Acute Care. Sigma Theta Tau International small grant. Total cost: \$5,000.00. 06/01/2019 – 06/31/2020. This project aims to characterize elderspeak communication from nursing staff during care to PWD, and determine the association between staff elderspeak communication and resistiveness to care in PWD.
- 2019-2020 Shaw, C. (PI), Herr, K. (Sponsor), Williams, K. (Co-Sponsor), Rakel, B., **Liu, W.**, Gordon, J., & Matthews, G. (consultants). Resistiveness in Dementia: Nurse Communication in Acute Care. Midwest Nursing Research Society Joseph and Jean Buckwalter Dissertation Grant. Total cost: \$2,500.00. 04/01/2019 - 04/31/2020.

This project aims to characterize elderspeak communication from nursing staff during care to PWD, and determine the association between staff elderspeak communication and resistiveness to care in PWD.

- 2019- 2020 Shaw, C. (PI), Herr, K. (Sponsor), Williams, K. (Co-Sponsor), Rakel, B., **Liu, W.**, Gordon, J., & Perkhounkova, Y. (consultants). Resistiveness in Dementia: Nurse Communication in Acute Care. NIH/NINR (The National Institute of Nursing Research), 1F31NR018580-01A1. Total direct/indirect cost: \$53,552.00. 07/09/2019 - 12/31/2020 (including No-Cost Extension).

This project aims to characterize elderspeak communication from nursing staff during care to PWD, and determine the association between staff elderspeak communication and resistiveness to care in PWD.

Intramural – Ongoing (N=1)

- 2022-2024 Natany da Costa Ferreira Oberfrank (PI), Karen Dunn Lopez and **Liu, W.** (Co-Investigators). Development and Validation of an instrument for heart failure symptom management motivation, University of Iowa Woodrow W. Morris Gerontology Research Award, \$5,000. 01/2022-01/2024.

Intramural – Completed (N = 5)

- 2020-2023 **Liu, W.**, & Chen, Y(Co-PIs). Temporal Associations between Caregiver Person-Centered and Task-Centered Mealtime Behaviors and Individual Outcomes using Sequential Analysis. The Investment in Strategic Priorities: A Partnership Between the Colleges and the Office of the Executive Vice President and Provost initiative's call. The University of Iowa Interdisciplinary Bridge Funding. Total cost: \$10,000. 12/10/2020 – 6/30/2023.

This project aims to examine the temporal relationships between person-centered and task-centered care approaches and individual mealtime positive/neutral and challenging behaviors, function, and intake using advanced modeling approaches through interdisciplinary partnership

- 2020-2022 Ford, K. (PI), Buckwalter, K., **Liu, W.** (Consultants), Perkhounkova, Y. (Statistician), Hein, M. (data manager). Malnutrition and Dementia Best Practices in Care of the Older Adult Population. The University of Iowa Csomay Center for Gerontological Excellence Jo Hoyt Freeman Dementia Education and Outreach Fund. Total cost: \$10,000.00. 1/15/2020 – 1/14/2022 (including No-Cost Extension).

This project aims to 1) provide a one-hour onsite training on dementia and malnutrition to all staff, 2.) use a train the trainer approach to the identified change champions at each facility using Rogers Diffusion of Innovation theory, and 3.) develop and test a psychometrically sound instrument to measure outcomes of the educational intervention.

- 2019-2020 Shaw, C. (PI), Herr, K. (Sponsor), Williams, K. (Co-Sponsor), Rakel, B., **Liu, W.**, Gordon, J., & Matthews, G. (consultants). Resistiveness in Dementia: Nurse

Communication in Acute Care. 2018 UI College of Nursing Barbara and Richard Csomay Gerontology Research Award for PhD Students and Postdoctoral Fellows. Total cost: \$3,000.00. 05/2019 - 05/2020.

This project aims to characterize elderspeak communication from nursing staff during care to PWD, and determine the association between staff elderspeak communication and resistiveness to care in PWD.

2017-2019 **Liu, W.** (PI, 5% effort), Williams, K., & Grossmann R. (Co-Is). Dyadic Mealtime Interaction Between Nursing Staff and Individuals with Dementia: Is It Feasible to Measure and How Is It Related to Eating Performance and Food Intake?. The University of Iowa Center on Aging and Aging Mind and Brain Initiative Cluster. Total cost: \$30,000.00. 01/01/2017 – 01/31/2019

This project aims to understand dyadic mealtime interaction between residents with dementia and nursing staff, and describe the relationship of dyadic interaction with eating performance and food intake.

2016-2018 **Liu, W.** (PI). Optimizing Eating Performance among Cognitively Impaired Older Adults: Facilitators and Barriers from Nursing Assistants' Perspective. The University of Iowa Csomay Center for Gerontological Excellence (an original Hartford center). Total cost: \$15,000.00. 01/01/2016 – 12/31/2018.

This project aims to examine nursing staff's perceptions on facilitators and barriers to engaging cognitively impaired residents at mealtimes from personal, caregiver and environmental levels.

Extramural – Under Review (N=1)

1 **Kyung Soo Kim** (PI/Mentee), Barbara Raket (Primary Mentor), **Wen Liu**, Vincent Magnotta, Bridget Zimmerman, Yelena Perkhounkova (**Co-mentors**), Clar Baldus and Eric Axelson (consultants). Feasibility of Art Making as a Pain Management Strategy: Exploring Neuroplasticity in Older Adults with Chronic Back Pain. In response to NIH/NIA, Notice of Special Interest: Research on Pain, Pain Management, and Opioids in Aging (NOT-AG-22-004). 4-Year K23. **Submitted in October 2023**

Under Preparation (N=1)

1 **Liu, W.** (PI, 20-30% effort), Perkhounkova, Y. (Co-I, Statistician), Williams, K., Resnick, B., & Galik, E. (CO-Is). Optimizing Mealtime (OPTIMAL): Efficacy of a Person-Centered Care Program on Behaviors, Independence, Food Intake, and Quality of Care Interactions in Nursing Home Residents with Dementia (ADRD). In response to NIH/NIA, PA-20-183: Research Project Grant (Parent R01 Clinical Trial Required). **To be submitted in Feb 2024**

This Stage II trial aims to determine the efficacy of OPTIMAL (vs. Usual Care, UC) on resident mealtime behaviors, independence, food intake, and quality of care interactions using a cluster-RCT.

Unfunded/unselected for full application (N=4)

- 4 Douglas, J. (PI), Noh, H., Snow, L. (Co-Is), Liu, W. (consultant). Delivering Mealtime Dementia Care Solutions to Informal Caregivers in Alabama: A Feasibility Study. NIH-supported P30 center grant pilot and feasibility (P/F) program at University of Alabama at Birmingham and University of Alabama. Submitted on June 25th, 2022 (Deep South Aging RFA at UAB)
- 3 Herr, K., & McCarthy, A. (Co-PIs). Pain and Associated Symptoms: Nurse Research Training program. NIH/NINR, T32 renewal (T32NR011147). Proposed 2021-2026 (resubmitted in May 2021). **Liu, W.** (Junior Nurse Faculty).
- 2 Douglas, J. (PI), **Liu, W.** & Noh, H. (Co-Is). Delivering Mealtime Dementia Care Solutions to Family Caregivers in Alabama: A Pilot Study. Emory Roybal Center for Dementia Caregiving Mastery. Letter of Intent submitted on Dec 3rd, 2021
- 1 Douglas, J. (PI), **Liu, W.** & Noh, H. (Co-Is). Delivering Mealtime Dementia Care Solutions to Family Caregivers in Alabama: A Pilot Study. PCRC pilot grant, Letter of Intent submitted on January 3rd, 2022

Peer-reviewed Publications [*data-based; italic- *student trainee/mentee*; underline - senior authors; citations as of 12/13/2023 = 1534, h-index = 16, i10-index = 24, see **Google Scholar**]

English Publications (N = 42; 34 databased; 29 first-authored, 6 second-authored, 3 senior-authored; total IF of all publications = 183.3; total IF of all first-authored publications = 123.59)

- 42 ***Liu, W.**, Jao Y.L., Paudel, A., Yong, S. O. (2023). Interactions between Nursing Home Staff and Residents with Dementia at Mealtimes: Analysis of Language Characteristics. *BMC Geriatrics*. <https://doi.org/10.1186/s12877-023-04320-3> (2-yr IF=4.1; 5-yr IF=4.9)
- 41 ***Liu, W.**, Perkhounkova, Y., Hein, M., & Bakeman, R. (2023). Temporal Relationships between Nursing Home Staff Approaches and Behaviors of Residents with Dementia during Mealtimes: A Sequential Analysis. *Innovation in Aging*, igad061, <https://doi.org/10.1093/geroni/igad061> (2-yr IF = 7.0; 5-yr IF=8.7)
- 40 Kim, S., Lee, K., & **Liu, W.** (2023). Chewing and Swallowing Abilities of Persons Living with or Without Dementia: A Systematic Review of Psychometric Properties of Instruments. *Innovation in Aging*, 7(5), igad052, <https://doi.org/10.1093/geroni/igad052> (2-yr IF = 7.0; 5-yr IF=8.7)
- 39 *Paudel, A., Boltz, M., Kuzmik, A., Resnick, B., **Liu, W.**, & Holmes, S. (2023). The Association of Cognitive Impairment with Depressive Symptoms, Function, and Pain in Hospitalized Older Patients With Dementia. *Journal of Applied Gerontology*. DOI: [10.1177/07334648231168446](https://doi.org/10.1177/07334648231168446) (2-yr IF= 3.0; 5-yr IF=3.1)
- 38 ***Liu W.**, Perkhounkova, Y., & Hein, M. (2023). Person-centred and task-centred care: Impact on mealtime behaviours in nursing home residents with dementia. *International Journal of Older People Nursing*. 18, e12512. DOI: [10.1111/opn.12512](https://doi.org/10.1111/opn.12512). (2-yr IF= 2.2)

- 37 ***Liu W.**, & Chen, Y. (2023). Sequential relationships of food intake in nursing home residents with dementia: Behavioural analyses of videotaped mealtime observations. Journal of Clinical Nursing, 32 (13-14), 3482-3495. DOI: [10.1111/jocn.16411](https://doi.org/10.1111/jocn.16411) (2-yr IF=4.2)
- 36 *Paudel, A., Mogle, J. A., Kuzmik, A., Resnick, B., BeLue, R., Galik, E., **Liu, W.**, Behrens, L.L., Jao, YL., Boltz, M. (2022). Gender Differences in Interactions and Depressive Symptoms Among Hospitalized Older Patients Living With Dementia. Journal of Women and Aging. DOI: [10.1080/08952841.2022.2146972](https://doi.org/10.1080/08952841.2022.2146972) (2-yr IF= 1.5; 5-yr IF=1.7)
- 35 *Kim, S., & **Liu, W.**, Daack-Hirsch, S., Williams, KN. (2022). Development and Psychometric Testing of the Dyadic Communication Observational coding scheme in DEmentia care (DCODE): Family Dyadic Communication in Dementia. Aging & Mental Health. DOI:[10.1080/13607863.2022.2126819](https://doi.org/10.1080/13607863.2022.2126819) (2-yr IF= 3.4; 5-yr IF=3.8)
- 34 ***Liu W.**, Perkhounkova, E., & Hein, M. (2022). Person-centered and Task- centered care and Mealtime Behaviors in Nursing Home Residents with dementia: Impact on Food Intake. Innovation in Aging, 6 (6), 1-12. igac025. DOI: [10.1093/geroni/igac025](https://doi.org/10.1093/geroni/igac025) (2-yr IF = 7.0; 5-yr IF=8.7)
- 33 ***Liu W.**, Perkhounkova, E., Williams, KN., Batchelor, M. K., & Hein, M. (2022). Mealtime Nonverbal Behaviors in Nursing Home Staff and Residents with Dementia: Behavioral Analyses of Videotaped Observations. Geriatric Nursing. 44, 112-124. DOI: [10.1016/j.gerinurse.2022.01.009](https://doi.org/10.1016/j.gerinurse.2022.01.009) (2-yr IF= 2.9)
- 32 ***Liu, W.**, Dindo, L., Hadlandsmyth, K., Unick, J., Zimmerman, M.B., St. Marie, B., Embree, J., Tripp-Reimer, T., & Rakel, B. (2022). Item Response Theory Analysis: PROMIS® Anxiety Form & Generalized Anxiety Disorder Scale. Western Journal of Nursing Research. 44(8), 765–772. DOI: [10.1177/01939459211015985](https://doi.org/10.1177/01939459211015985) (2-yr IF=1.8; 5-yr IF=2.1)
- 31 *Kim, S.*, & **Liu, W.** (2021). Psychometric Properties of Observational Instruments Measuring Dyadic Communication and Environment in Dementia Care: A Systematic Review. The Gerontologist, gnab178. DOI: [10.1093/geront/gnab178](https://doi.org/10.1093/geront/gnab178) (2-yr IF= 5.7; 5-yr IF=6.2)
- 30 **Liu, W.**, & *Kim, S.* (2021). Dyadic interactions and physical and social environment in dementia mealtime care: a systematic review of instruments. Annals of the New York Academy of Sciences, 1505 (2021), 23–39. DOI:10.1111/nyas.14667. DOI: [10.1111/nyas.14667](https://doi.org/10.1111/nyas.14667) (2-yr IF= 5.2; 5-yr IF=6.3)
- 29 **Liu, W.**, *Kim, S.*, & *Alessio, H.* (2021). Mealtime Caregiving Knowledge, Attitude, and Behaviors for Persons with Dementia: A Systematic Review of Psychometric Properties of Instruments. International Journal of Nursing Studies. 114, 103824. DOI: [10.1016/j.ijnurstu.2020.103824](https://doi.org/10.1016/j.ijnurstu.2020.103824) (2-yr IF =8.1)

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- 28 ***Liu W.**, Williams, KN., Batchelor, M. K., Perkhounkova, Y., & Hein, M. (2021). Mealtime Verbal Interactions among Nursing Home Staff and Residents with Dementia: A Secondary Behavioral Analysis of Videotaped Observations. Journal of Advanced Nursing.77 (3), 1244-1257. DOI: [10.1111/jan.14647](https://doi.org/10.1111/jan.14647) (2-yr IF= 3.8)
- 27 *Jao, YL., **Liu, W.**, Chaudhury, H., *Parajuli, J.*, Holmes, S, & Galik, E. (2021). Function-Focused Person-Environment Fit for Long-Term Care Residents with Dementia: Impact on Apathy. The Gerontologist, 61(3): 413-424. DOI: [10.1093/geront/gnaa111](https://doi.org/10.1093/geront/gnaa111) (2-yr IF= 5.7; 5-yr IF=6.2)
- 26 ***Liu, W.**, & Batchelor, M. (2021). Mealtime Caregiving Engagement for Residents with Advanced Dementia: Item Response Theory Analysis. Western Journal of Nursing Research, 43(4) 3. DOI: [10.1177/0193945920943898](https://doi.org/10.1177/0193945920943898). (2-yr IF=1.8; 5-yr IF=2.1)
- 25 ***Liu, W.**, Batchelor, M., & Williams, K.N. (2021). Development and Psychometric Testing of the Mealtime Engagement Scale (MES) in Direct Care Providers of Nursing Home Residents with Dementia. The Gerontologist. 61 (8), e410–e420. DOI: [10.1093/geront/gnaa097](https://doi.org/10.1093/geront/gnaa097) (2-yr IF= 5.7; 5-yr IF=6.2)
- 24 ***Liu, W**, Batchelor, M., & Williams, K.N. (2020). Ease of Use, Feasibility, and Inter-rater Reliability of the Refined Cue Utilization and Engagement in Dementia (CUED) Mealtime Video-coding Scheme. Journal of Advanced Nursing. 76 (12), 3609–3622. DOI: [10.1111/jan.14548](https://doi.org/10.1111/jan.14548) (2-yr IF= 3.8)
- 23 ***Liu W.**, Perkhounkova, Y., Williams, KN., Batchelor, M., & Hein, M. (2020). Food Intake is associated with Verbal Interactions between Nursing Home Staff and Residents with Dementia: A Secondary Analysis of Videotaped Observations. International Journal of Nursing Studies. 109, 103654. DOI: [10.1016/j.ijnurstu.2020.103654](https://doi.org/10.1016/j.ijnurstu.2020.103654) (2-yr IF =8.1)
- 22 ***Liu, W.**, Chen, X., Yuan, D., Guo, C., Wang, Y., Zhang, Q., & Song, D. (2020). Dental-related function in individuals with stroke: A confirmatory factor analysis of the dental activities test. Special Care in Dentistry. 40 (1), 71-78. DOI: [10.1111/scd.12438](https://doi.org/10.1111/scd.12438) (2-yr IF =1.4)
- 21 ***Liu W.**, Tripp-Reimer, T., Williams, KN., & *Shaw, C.* (2020). Facilitators and barriers to optimizing eating performance among cognitively impaired older adults: A qualitative study of nursing assistants' perspectives. Dementia: the international journal of social research and practice, 19(6), 2090-2113. DOI: [10.1177/1471301218815053](https://doi.org/10.1177/1471301218815053) (2-yr IF=2.4; 5-yr IF=2.6)
- 20 *Jao, YL., **Liu, W.**, Williams, KN. Chaudhury, H., & *Parajuli, J.* (2019). Association between Environmental Stimulation and Apathy in Nursing Home Residents with Dementia. International Psychogeriatrics. 31(8),1109-1120. DOI: [10.1017/S1041610219000589](https://doi.org/10.1017/S1041610219000589) (2-yr IF= 7.0)
- 19 ***Liu, W.**, *Shaw, C.*, & Chen, X. (2019). Dental-related Function and Oral Health in Relation to Eating Performance in Assisted Living Residents With and Without Cognitive Impairment. Special Care in Dentistry, 39 (5), 497-504. DOI: [10.1111/scd.12405](https://doi.org/10.1111/scd.12405) (2-yr IF =1.4)

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- 18 ***Liu W.**, Williams, KN., Batchelor-Murphy, M. K., Perkhounkova, Y., & Hein, M. (2019). Eating performance in relation to intake of solid and liquid food in nursing home residents with dementia: A secondary behavioral analysis of mealtime videos. *International Journal of Nursing Studies*, 96, 18-26. DOI: [10.1016/j.ijnurstu.2018.12.010](https://doi.org/10.1016/j.ijnurstu.2018.12.010) (2-yr IF =8.1)
- 17 ***Liu, W.**, Jao, YL., & Williams, KN. (2019). Factors Influencing the Pace of Food Intake for Nursing Home Residents with Dementia: Resident Characteristics, Staff Mealtime Assistance and Environmental Stimulation. *Nursing Open*. 2019, 6, 772–782. DOI: [10.1002/nop.2.250](https://doi.org/10.1002/nop.2.250) (2-yr IF = 2.3)
- 16 *Zhu. S., **Liu, W.**, Amoroso. A., Blanshan. S., Guberski. T., Iwu. E., Kiama. B., Lipscomb. J., Maimbolwa. M., Maro. P., Mwakyus. S., Omoni. G., Smith. N., & **Smith. B.** (2019). Sharps injuries among nurses and midwives in sub-Saharan Africa. *African Journal of Midwifery and Women's Health*, 13 (1), 14-21. DOI: [10.12968/ajmw.2019.13.1.14](https://doi.org/10.12968/ajmw.2019.13.1.14)
- 15 *Chen, X., & **Liu, W.** (2018). Psychometric Properties of the Dental Activities Test: An Exploratory Factor Analysis in Older Adults with Cognitive Impairment. *Behavioral Neurology*, vol. 2018, Article ID 8625916, 6 pages. DOI: [10.1155/2018/8625916](https://doi.org/10.1155/2018/8625916). (2-yr IF = 2.8)
- 14 ***Liu, W.**, Johantgen, M., & Newhouse, R. (2018). Psychometric testing of the Smoking Cessation Counseling Scale among Acute Care Magnet® Hospital Nurses. *Western Journal of Nursing Research*. 40 (4), 562-581. DOI: [10.1177/0193945917698689](https://doi.org/10.1177/0193945917698689) (2-yr IF=1.8; 5-yr IF=2.1)
- 13 Kolanowski, A., Boltz, M., Galik, E., Gitlin, L., Kales, H., Resnick, B., Van Haitsma, K., Knehans, A., Sutterlin, J., Sefcik, J., **Liu, W.**, Petrovsky, D., Massimo, L., Gilmore-Bykovskiy, A., MacAndrew, M., Brewster, G., Nalls, V., Jao, Y-L., Duffort, N., & Scerpella, D. (2017). Determinants of behavioral and psychological symptoms of dementia: A scoping review of the evidence. *Nursing Outlook*. 65(5), 515-529. DOI: [10.1016/j.outlook.2017.06.006](https://doi.org/10.1016/j.outlook.2017.06.006) (2-yr IF=4.3; 5-yr IF=3.9)
- 12 *Williams, K. N., Shaw. C., Lee. A., Kim. S., Dinneen. E., Turk. M., Jao, Y. L., & **Liu, W.** (2017). Voicing Ageism in Nursing Home Dementia Care. *Journal of Gerontological Nursing*, 43(9), 16-20. DOI: [10.3928/00989134-20170523-02](https://doi.org/10.3928/00989134-20170523-02). <https://www.ncbi.nlm.nih.gov/pubmed/28556867> (2-yr IF=1.3)
- 11 ***Liu, W.**, Jao, Y. L., & Williams, K. N. (2017). The Association of Eating Performance and Environmental Stimulation among Older Adults with Dementia in Nursing Homes: A Secondary Analysis. *International Journal of Nursing Studies*. 71, 70-79. DOI: [10.1016/j.ijnurstu.2017.03.004](https://doi.org/10.1016/j.ijnurstu.2017.03.004). (2-yr IF=8.1)
- 10 ***Liu, W.**, Johantgen, M., & Newhouse, R. (2017). Shared Vision among Acute Care Magnet® Hospital Nurses: Ordinal Confirmatory Factor Analysis. *Western Journal of Nursing Research*, 39 (2), 305-318. DOI: [10.1177/0193945916651835](https://doi.org/10.1177/0193945916651835) (2-yr IF=1.8; 5-yr IF=2.1)

- 9 Resnick, B., Beupre, L., McGilton, K. S., Galik, E., **Liu, W.**, Neuman, M. D., ... & Magaziner, J. (2016). Rehabilitation Interventions for Older Individuals With Cognitive Impairment Post-Hip Fracture: A Systematic Review. *Journal of the American Medical Directors Association*, 17(3), 200–205. DOI: [10.1016/j.jamda.2015.10.004](https://doi.org/10.1016/j.jamda.2015.10.004) (2-yr IF= 7.6)
- 8 ***Liu, W.**, Galik, E., Boltz, M., Nahm, E.S., Lerner, N., & **Resnick, B.** (2016). Factors associated with eating performance for long-term care residents with moderate-to-severe cognitive impairment. *Journal of Advanced Nursing*, 72(2), 348–360. DOI: [10.1111/jan.12846](https://doi.org/10.1111/jan.12846) (2-yr IF= 3.8)
- 7 ***Liu, W.**, Galik, E., Nahm, E. S., Boltz, M., & **Resnick, B.** (2015). Optimizing Eating Performance for Long-Term Care Residents With Dementia: Testing the Impact of Function-Focused Care for Cognitively Impaired. *Journal of the American Medical Directors Association*, 16 (12), 1062–1068. DOI: [10.1016/j.jamda.2015.06.023](https://doi.org/10.1016/j.jamda.2015.06.023). (2-yr IF= 7.6)
- 6 **Liu, W.**, Galik, E., Boltz, M., Nahm, E.S., & **Resnick, B.** (2015). Optimizing Eating Performance for Older Adults with Dementia Living in Long-term Care: A Systematic Review. *Worldviews on Evidence-Based Nursing*, 12(4), 228–235. DOI: [10.1111/wvn.12100](https://doi.org/10.1111/wvn.12100) (2-yr IF= 4.3)
- 5 ***Liu, W.**, Galik, E., & **Resnick, B.** (2015). The Self-Efficacy for Functional Abilities scale for Older Adults in Long-Term Care: Two-level Exploratory and Confirmatory Factor Analysis. *Journal of Nursing Measurement*, 23 (1): 112-126. DOI: [10.1891/1061-3749.23.1.112](https://doi.org/10.1891/1061-3749.23.1.112) (2-yr IF = 0.19)
- 4 ***Liu, W.**, Unick, J., Galik, E., & **Resnick, B.** (2015). Barthel Index of Activities of Daily Living: Item Response Theory Analysis of Ratings for Long-Term Care Residents. *Nursing Research*, 64(2), 88-99. DOI: [10.1097/NNR.0000000000000072](https://doi.org/10.1097/NNR.0000000000000072) (2-yr IF= 2.4; 5-yr IF= 3.2)
- 3 *Geiger-Brown, J., Rogers, V. E., **Liu, W.**, Ludeman, E., Downton, K., & Diaz-Abad, M. (2015). Cognitive Behavioral Therapy in Persons with Comorbid Insomnia: A Meta-analysis. *Sleep Medicine Reviews*, 23, 54–67. DOI: [10.1016/j.smrv.2014.11.007](https://doi.org/10.1016/j.smrv.2014.11.007) (2-yr IF= 10.5)
- 2 **Liu, W.**, *Cheon, J.*, & Thomas, S. A. (2014). Interventions on mealtime difficulties in older adults with dementia: A systematic review. *International Journal of Nursing Studies*, 51 (1): 14-27. DOI: [10.1016/j.ijnurstu.2012.12.021](https://doi.org/10.1016/j.ijnurstu.2012.12.021) (2-yr IF= 8.1)
- 1 ***Liu, W.**, Watson, R., & **Lou, F. L.** (2014). The Edinburgh Feeding Evaluation in Dementia scale (EdFED): Cross-cultural Validation of the Simplified Chinese Version in Mainland China. *Journal of Clinical Nursing*, 23(1-2):45-53. DOI: [10.1111/j.1365-2702.2012.04250.x](https://doi.org/10.1111/j.1365-2702.2012.04250.x) (2-yr IF= 4.2)

Chinese Publications (N = 9; 5 databased; 4 first-authored, 3 second-authored)

- 9 ***Liu, W.**, Li, X.J., Liang, H.D., Liu, D.M., & Lou, F.L. (2012). Analysis on eating difficulties and its influencing factors in dementia patients. *Chinese Nursing Research*, 26(2): 505-506. <https://www.airitilibrary.com/Publication/alDetailedMesh?docid=sxhlzz201206014>
- 8 ***Liu, W.**, Chen, X.X., Liang, H.D., Li, X.J., & Lou, F.L. (2011). Reliability and validity of the Chinese version of the Edinburgh Feeding Evaluation in Dementia scale. *Chinese Journal of Nursing*, 46(5), 510-512. http://en.cnki.com.cn/Article_en/CJFDTTotal-ZHHL201105037.htm
- 7 **Liu, W.**, & Lou, F.L. (2010). An introduction to foreign instruments for measuring feeding difficulty in elderly patients with dementia. *Journal of Nursing Science*, 25(19, General Medicine), 83-86. <http://www.cnki.com.cn/Article/CJFDTTotal-HLXZ201019044.htm>
- 6 **Liu, W.**, Zang, Y.L., & Lou, F.L. (2010). Quality guarantee in translation process of nursing research. *Journal of Nursing Science*, 25(6, Surgery Edition), 80-82. <http://www.cnki.com.cn/Article/CJFDTTotal-HLXZ201006055.htm>
- 5 Huang, J., **Liu, W.**, & Lou, F.L. (2010). Nursing Development of Image-guided minimally invasive technique of pancreatic cancer. *Journal of Qilu Nursing*, 16(8): 45-47. <http://www.cnki.com.cn/Article/CJFDTTotal-QLHL201008036.htm>
- 4 *Liu, C.M., **Liu, W.**, & Lou, F.L. (2010). Study on the Applicability of PBL teaching method in the training of emergency nurses. *Journal of Qilu Nursing*, 16(19): 95-96. <http://www.cnki.com.cn/Article/CJFDTTotal-QLHL201019070.htm>
- 3 Zang, Y.L., **Liu, W.**, & Lou, F.L. (2009). Translation technology of nursing measuring instruments. *China Journal of Nursing Education*, 6(6), 275-277. http://en.cnki.com.cn/Article_en/CJFDTTotal-ZHHU200906014.htm
- 2 *Chen, L., Zang, Y.L., & **Liu, W.** (2009). A study of terms in earthquake disaster nursing. *Journal of Practical Nursing*, 25(2), 27-29. <http://www.cqvip.com/qk/92529a/200902/29399322.html>
- 1 *Ju, X.L., Zang, Y.L., **Liu, W.**, Chen, X.X., & Lou, F.L. (2009). Study on the applicability of the Adolescent Health and Development course in Mainland China. *Journal of Nursing Science*, 24(2, Surgery Edition), 8-10. http://en.cnki.com.cn/Article_en/CJFDTTotal-HLXZ200902005.htm

Other publications (non peer-reviewed)

- 1 **Liu, W.** (October, 2022). My Pathway to Success as a New Investigator. *Western Journal of Nursing Research*. (2-yr IF=1.8; 5-yr IF=2.1)

Book/Book Chapters

- 2 Liu, W. (in press). Assessment and Management of Mealtime Behaviors, Function, and Nutrition in Older Adults Living with Dementia. In Marie Boltz, Elizabeth A. Capezuti, and Terry

Fulmer (7th Eds.), *Evidence-Based Geriatric Nursing Protocols for Best Practice* (pp. pages of chapter). Springer Publishing Company (SPC). DOI (if available)

- 1 Liu, W., & Lou, F.L. (2010). Chinese version of *Nursing Students Success made Incredibly Easy!* (Chapter 1&2), Peking University Press. [Translated Chapter]

Manuscripts Under Review/Revision

- 1 ***Liu, W.**, Perkhounkova, Y., Hein, M., & Bakeman, R. (Under review). Food Intake was Temporally Associated with Nursing Home Staff Care Approaches and Behaviors of Residents with Dementia during Mealtime: A Sequential Analysis. Innovation in Aging
- 2 ***Kim, S.**, & **Liu, W.**, Daack-Hirsch, S., Williams, KN. (under review). Communication Patterns and Characteristics of Family Caregivers and Persons Living with Dementia: Secondary Analysis of Video Observation. Western Journal of Nursing Research (2-yr IF=1.8; 5-yr IF=2.1)
- 3 **Lee, K.**, **Kim, S.**, & **Liu, W.** (Under review). Eating Ability and Mealtime Behaviors of Persons Living with Dementia: A Systematic Review of Psychometric Properties of Instruments. *Journal of Alzheimer's Disease*
- 4 Kim, KS., Zimmerman, MB., **Liu, W.**, Hadlandsmyth, K., Smith, TL., Embree, J., Rodrigues, M., Buckwalter, J., Green, D., Dindo, L., Rakel, BA. (Under review). Profiling Risk Factors for Persistent Pain Post-Total Knee Arthroplasty in Veterans. *European Journal of Pain*
- 5 Souza-Talarico, J., Chesak, S., Elizalde, N., **Liu, W.**, Moon, C. Oberfrank, N., Rauer, A., Takao, L.C, Shaw, C, Saravanan, A., Palacio, F., Buck, H. (Under Revision/Review). Exploring the Interplay of Psychological and Physiological Stress Responses and Telomere Length in the Transition from Middle Age to Aging: A Systematic Review. *Stress and Health* (IF = 4.1)
- 6 **Liu, W.**, **Lee, K.**, Galik, E., Resnick, B. (Under review). Factors associated with Eating Performance in Residents Living with Dementia and Multiple Chronic Conditions in Long-term Care Communities. *Geriatric Nursing*.

Presentations [all peer-reviewed. italic- *student trainee/mentee*; underline - senior authors]

Invited (N=3)

- 3 **Liu, W.** Optimizing Mealtime Care and Outcomes in Long-term Care Residents with Dementia: A Multilevel Approach. (2024). In Preconference Session entitled "**Comprehensive Dysphagia Care Considerations in Chronic Illness**", Dysphagia Research Society (DRS) Annual Conference, San Juan, Puerto Rico, USA (March 12-15, 2024). **Oral**
- 2 **Liu, W.** (2023). Optimizing Quality of Care Interactions, Behaviors, Function, and Food Intake During Mealtime for Older Adults with Dementia. In Symposia Breakout Session entitled "A Taste of the Csomay Center: The Long-term care version". The 2023 Fall LeadingAge Iowa Conference. Cedar Rapids, Iowa, USA (September 13, 2023). **Oral**
- 1 **Liu, W.**, Unick, J., Galik, E., & Resnick, B. (2014). Barthel Index of Activities of Daily Living: Item Response Theory Analysis for Long-term Care Adults. University of Maryland, Baltimore School of Nursing PhD lunch and learn journal club. Baltimore, MD, USA. **Oral**

International (N=15)

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- 15 *Kim, KS., Zimmerman, MB., Liu, W., Hadlandsmyth, K., Smith, TL., Embree, J., Rodrigues, M., Buckwalter, J., Green, D., Dindo, L., Rakel, BA. (2022). Veterans at Risk for Persistent Post-Surgical Pain Prior to Total Knee Arthroplasty: Who is most likely to benefit most from a preventive intervention? IASP 2022 World Congress on Pain. Toronto, Canada, September 19-23, 2022. **Poster***
- 14 *Jao, YL., Wang, JZ., Liao, YJ., Liu, W., & Berish, D. (2022). Using Technology to Support Care for People with Dementia: AI, Apps, and Robots. 2022 International Dementia Scholar Collaboratives Annual Meeting (Virtual). **Paper***
- 13 *Liu, W., Galik, E., & Resnick, B. (2022). Multiple Chronic Conditions (Multimorbidity) in nursing home residents with moderate to severe dementia: Impact on functional ability, behavioral symptoms, and medication use. The 2022 Alzheimer's Association International Conference® (AAIC®, Virtual and In-person). **Poster***
- 12 *Kim, S., Lee, K., Mann, M., & Liu, W. (2022). Dysphagia, Mealtime Behaviors, and Eating Ability of Persons Living with Dementia: A Systematic Review of Psychometric Properties of Instruments. 2022 AAIC®, Virtual and In-person). **Poster***
- 11 *Liu, W., & Kim, S. (2021). Dyadic Interactions, Physical Environment, and Social Environment in Dementia Mealtime Care: A Systematic Review of Psychometric Properties of Instruments. 2021 AAIC®, Virtual). **Poster***
- 10 **Liu W., Perkhounkova, E., Williams, KN., Batchelor, M. K., & Hein, M. (2021). Mealtime Nonverbal Communications among Nursing Home Staff and Residents with Dementia: A Secondary Analysis of Videotaped Observations. 2021 AAIC®, Virtual). **Poster***
- 9 *Liu, W., Williams, K. N., Batchelor-Murphy, M., Smith, M., Perkhounkova, E., & Hein, M. (2018). Eating Behaviors in Relation to Food and Fluid Intake in Nursing Home Residents with Dementia: Computer-Assisted Behavioral Analysis of Mealtime Videos. 2018 AAIC®, Chicago, IL, USA. **Paper***
- 8 *Liu W., Tripp-Reimer, T., Williams, KN., Shaw, C., & Manthai, T. (2018). Optimizing Eating Performance among Cognitively Impaired Older Adults: Facilitators and Barriers from Nursing Assistants' Perspectives. 2018 AAIC®, Chicago, IL, USA. **Poster***
- 7 *Liu, W., Shaw, C., & Chen, X. (2018). The Association between Eating Performance, and Dental Related Function and Oral Health in Assisted Living Residents with Cognitive Impairment. 2018 AAIC®, Chicago, IL, USA. **Poster***
- 6 *VonderHaar, K., Bordenet, C., & Liu, W. (2018). Promoting Eating Performance for Cognitively Impaired Institutionalized Residents: Prioritized Problematic Mealtime Behaviors and Targeted Nursing Strategies. 2018 AAIC®, Chicago, IL, USA. **Student Poster (supported by UI CON Young Scientist Award Program)***

- 5 **Liu, W.**, Tripp-Reimer T., & Williams, K. N. (2017). Optimizing Eating Performance among cognitively impaired Nursing Home Residents: Intra-personal, Inter-personal and Environmental Facilitators and Barriers from Certified Nursing Assistant perspective. Nursing Home Research International Working Group Congress, Saint-Louis, MO, USA. **Poster.**
- 4 **Liu, W.**, Jao, Y.L., & Williams, K. N. (2017). Eating Performance and Environmental Stimulation among Older Adults with Dementia in Nursing Homes. The 21st International Association of Gerontology and Geriatrics (IAGG) World Congress of Gerontology and Geriatrics, San Francisco, CA, USA. **Poster.**
- 3 **Liu, W.**, Unick, J., Galik, E., & Resnick, B. (2015). Activities of Daily Living Among Nursing Home and Assisted Living Residents: A Multilevel Analysis. Honor Society of Nursing, Sigma Theta Tau International (STTI) 43rd Biennial Convention. Las Vegas, NV, USA. **STTI “Rising Star in Scholarship and Research” Poster**
- 2 **Liu, W.**, & Lou F.L. (2013). Predictive Factors of Mealtime Difficulties in Older Adults with Dementia: A Cross-sectional Design. Honor Society of Nursing, STTI 42nd Biennial Convention. Indianapolis, IN, USA. **Paper**
- 1 Cheon, J., **Liu, W.** & Thomas, S. (2012). Interventions for family caregivers of terminal cancer patients: Systematic review. Chicago International Nursing Conference: Advances in Nursing Education, Research, and Practice/Service: World View, Chicago, IL, USA. **Poster**

National (N=35)

- 35 Werden Abrams, S., Namasivayam-MacDonald, A., Syed, S., Devlin, K., **Liu, W.**, Lengyel, C., Gaspar, P., Mentes, J., Slaughter, S., Yoon, M., & Keller, H. (2024). Feasibility of Environmental Components of a Novel Intervention for Hydration in Long-Term Care. The Dysphagia Research Society Annual Meeting. San Juan, Puerto Rico, March 12-15, 2024. Poster presentation
- 34 **Liu, W.**, Suh, H., Williams, K., Galik, E., Resnick, B., Buckwalter, K., Haitsma, K., & Rakel, B. (2023). Optimizing Mealtime (OPTIMAL) in Nursing Home Residents with ADRD: A Pilot Trial of a Person-Centered Care Program. The Gerontological Society of America (GSA)'s 75th Annual Scientific Meeting. Tampa, Florida, USA. Lake Breaking Poster presentation
- 33 **Liu, W.**, Perkhounkova, Y., Hein, M., & Bakeman, R. (2023). Food Intake was Temporally Associated with Staff Mealtime Care Approaches and Behaviors of Residents with Dementia. The GSA 75th Annual Scientific Meeting. Tampa, Florida, USA. Paper presentation
- 32 Kim, S., **Liu, W.**, Williams, K. (2023). In-Home Care Dyadic Communication Patterns of Family Caregivers and Persons Living with Dementia: Sequential analysis. The GSA 75th Annual Scientific Meeting. Tampa, Florida, USA. Paper presentation.

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- 31 **Liu, W.**, Suh, H., Lee, K., Coats, C., Buckwalter, K. (2023). Development and Validation of Person-Centered Mealtime Care Knowledge and Self-Efficacy Assessments. The GSA 75th Annual Scientific Meeting. Tampa, Florida, USA. Paper presentation
- 30 Paudel, A., **Liu, W.**, Jao, YL., Dasanayake, T., Liao, YJ., and Akhter, N. (2023). Care Interactions of Formal Caregivers and Persons With Dementia: A Systematic Review of Measures. The GSA 75th Annual Scientific Meeting. Tampa, Florida, USA. Paper presentation
- 29 Chen, Y, & **Liu, W.** (2023). Modeling Sequential Relationships of Food Intake in Nursing Home Residents with Dementia. 2023 IISE Annual Conference and Expo. Oral Presentations
- 28 Jao, YL., Liao, YJ., Yuan, F., Liu, Z, Zhao, X, **Liu, W.**, Berish, D., & Wang, J. (2022). Artificial Intelligence (AI)-assisted methods for assessing affect and behavioral symptoms in dementia: systematic review. The GSA 74rd Annual Scientific Meeting, Indianapolis, IN, United States. **Late Breaking Poster**
- 27 Jao, YL., Liao, YJ., Berish, D., Boltz, M., **Liu, W.**, Mogle, J., & Kales, H. (2022). Verbal Communication between Nursing Home Staff and Residents with Dementia and Apathy: Language Analysis. The GSA 74th Annual Scientific Meeting, Indianapolis, IN, United States. **Paper**
- 26 Kim, S., & **Liu, W.** (2022). Micro-level Communication between Persons Living with Dementia and Family Caregivers. In symposium session “Reimagining Alzheimer’s Research: On the Road to New Discoveries”. The GSA 74th Annual Scientific Meeting, Indianapolis, IN, United States. **Symposium**
- 25 Cao, Y.; Gan, D.R.Y.; **Liu, W.**, Fung, J.C., Ng, T.P. (2022). Older People's Activity Participation (OPAP): Factor Structure and Psychometric Properties of a Scale. The GSA 74th Annual Scientific Meeting, Indianapolis, IN, United States. **Paper**
- 24 **Liu, W.**, Perkhounkova, Y., Hein, M., & Bakeman, R. (2022). Temporal Relationships of Person-centered and Task-centered Care and Mealtime Behaviors in Nursing Home Residents with Dementia: Time-Window Sequential Analyses. In symposium session “Advancing Research on Person-Centered Communication in Dementia Care”. GSA 74th Annual Scientific Meeting, Indianapolis, IN, United States. **Nursing Care of Older Adults Interest Group sponsored symposium**
- 23 **Liu, W.**, Jao, YL., Yoon, SO. (2022). Factors Associated with Mealtime Language Characteristics in Nursing Home Staff and Residents with Dementia. GSA 74th Annual Scientific Meeting, Indianapolis, IN, United States. **Paper**
- 22 **Liu, W.**, Galik, E., & Resnick, B. (2022). Factors associated with Eating Performance in Nursing Home Residents with Dementia and Multiple comorbidities. GSA 74th Annual Scientific Meeting, Indianapolis, IN, United States. **Paper**

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- 21 **Liu W.**, Williams, KN., Perkhounkova, E., & Hein, M. (2021). Person-centered and Task-centered Care and Mealtime Behaviors in Nursing Home Residents Living with Dementia: Impact on Food Intake. 2021 National Hartford Center of Gerontological Nursing Excellence (NHCGNE) Virtual Leadership Conference. **e-poster**
- 20 **Liu, W.**, & Kim, S. (2021). Measuring Dyadic Interactions and Dining Environment in Dementia Mealtime Care: A Systematic Review of Instruments. GSA 73rd Annual Scientific Meeting (virtual). **Paper**
- 19 **Liu W.**, Williams, KN., Batchelor, M. K., Perkhounkova, E., & Hein, M. (2021). Person-centered & Task- centered Mealtime Care: Impact on Positive, Neutral, & Challenging Behaviors in People with Dementia. GSA 73rd Annual Scientific Meeting (virtual). **Paper**
- 18 **Liu W.**, Williams, KN., & Chen, Y. (2020). Sequential Dependencies in Solid and Fluid Intake in Nursing Home Residents with Dementia: A Multistate Model. GSA 72nd Annual Scientific Meeting (Virtual). **Late Breaking Poster**
- 17 **Liu W.**, Perkhounkova, E., Williams, KN., Batchelor, M. K., & Hein, M. (2020). Characterizing Mealtime Verbal Interactions among Nursing Home Staff and Residents with Dementia. GSA 72nd Annual Scientific Meeting (Virtual). **Poster**
- 16 Jao, YL., Coleman, C., Williams, KN., Berish, D., **Liu, W.**, Berkley, A., & Liao, YJ. (2020). Measuring Caregiver Person-Centered Communication with Persons with Dementia via Video Observations. GSA 72nd Annual Scientific Meeting (Virtual). **Poster**
- 15 Batchelor-Murphy, M., & **Liu, W.** (2020). Development and Testing of the Mealtime Engagement Scale for Nursing Home Residents with Dementia. The 2020 Council for the Advancement of Nursing Science (CANS, Virtual). **podium**
- 14 **Liu W.**, Perkhounkova, E., Williams, KN., Batchelor, M. K., & Hein, M. (2020). Mealtime Verbal Interaction among Nursing Home Staff and Residents with Dementia and Associations with Participants' Characteristics (accepted as poster presentation). The American Geriatrics Society 2020 Annual Scientific Meeting (cancelled due to COVID-19)
- 13 **Liu, W.**, Batchelor-Murphy, M., & Williams, K. N. (2019). Development, Reliability, and Validity of the Caregiver Mealtime Engagement Scale in Nursing Homes. GSA 71st Annual Scientific Meeting, Austin, Texas, USA. **Poster**
- 12 Jao, YL., **Liu, W.**, & Williams, KN. (2018). Association between Environmental Stimulation and Apathy in Nursing Home Residents with Dementia. GSA 70th Annual Scientific Meeting, Boston, MA, USA. **Paper**

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- 11 Jao, YL., **Liu, W.**, Galik, E., Chaudhury, H., *Parajuli, J.*, & *Holmes, S.* (2018). Does Person-Environment Fit Play a Role on Apathy in Long-Term Care Residents with Dementia? GSA 70th Annual Scientific Meeting, Boston, MA, USA. **Poster**
 - 10 **Liu, W.**, *Shaw, C.*, & Chen, X. (2018). Association Between Eating Performance, and Dental Related Function and Oral Health in Residents With Dementia. GSA 70th Annual Scientific Meeting, Boston, MA, USA. **Poster**
 - 9 **Liu, W.**, Williams, K. N., Batchelor-Murphy, M., Smith, M., Perkhounkova, E., & Hein, M. (2018). Eating Performance in Relation to Food and Fluid Intake in Nursing Home Residents With Dementia. GSA 70th Annual Scientific Meeting, Boston, MA, USA. **Poster**
 - 8 **Liu, W.**, Williams, K. N., Batchelor-Murphy, M., Smith, M., Perkhounkova, E., & Hein, M. (2018). Eating Behaviors in Relation to Food and Fluid Intake in Nursing Home Residents with Dementia: Computer-Assisted Behavioral Analysis of Mealtime Videos. The Council for the Advancement of Nursing Science (CANS), Washington DC, USA. **Podium**
 - 7 Kolanowski, A., Boltz, M., Galik, E., Gitlin, L., Kales, H., Resnick, B., Van Haitisma, K., Knehans, A., Sutterlin, J., Sefcik, J., **Liu, W.**, Petrovsky, D., Massimo, L., Gilmore-Bykovskiy, A., MacAndrew, M., Brewster, G., Nalls, V., Jao, Y-L., Duffort, N., & Scerpella, D. (2017). Determinants of behavioral and psychological symptoms of dementia: A scoping review of the evidence. CANS, Washington DC, USA. **Paper**
 - 6 **Liu, W.**, *Freiburg, A.*, & Williams, K. N. (2016). Facilitators and Barriers to Engaging Cognitively Impaired Residents in Self-Eating. GSA 69th Annual Scientific Meeting, New Orleans, LA, USA. **Paper**
 - 5 **Liu, W.**, Unick, J., Galik, E., & Resnick, B. (2015). Barthel Index of Activities of Daily Living: Multilevel Analysis of Individual and Residential Characteristics for Long-term Care Residents. GSA 68th Annual Scientific Meeting, Orlando, FL, USA. **Paper**
 - 4 **Liu, W.**, Unick, J., Galik, E., & Resnick, B. (2014). Barthel Index of Activities of Daily Living: Item Response Theory Analysis for Long-term Care Adults. CANS. Washington, DC, USA. **Poster**
 - 3 **Liu, W.**, Unick, J., Galik, E., & Resnick, B. (2014). Barthel Index of Activities of Daily Living: Item Response Theory Analysis for Long-term Care Adults. GSA 67th Annual Scientific Meeting, Washington, DC, USA. **Poster**
 - 2 **Liu, W.**, Galik, E., & Resnick, B. (2014). Effects of Physical Capacity and Cognition on Eating in Long-term Care Adults with Dementia. GSA 67th Annual Scientific Meeting, Washington, DC, USA. **Paper**

- 1 Galik, E., Resnick, B., **Liu, W.**, & Watson-Wolfe, K. (2013). Decreasing Behavioral Symptoms While Optimizing Function in Long Term Care Residents with Moderate to Severe Cognitive Impairment. GSA 66th Annual Scientific Meeting. New Orleans, LA, USA. **Symposium**

Regional (N=20)

- 20 **Liu, W.**, Suh, H., Lee, K. (2024) Interventions to Improve Mealtime Care Quality and Outcomes in Persons Living with Dementia: A Systematic Review. Mid-West Nursing Research Society (MNRS) 48th Annual Research Conference (in-person), Minneapolis, MN, USA. Poster
- 19 Lee, K., Kim, S., & **Liu, W.** (2023). Eating Ability and Mealtime Behaviors of Persons Living with Dementia: A Systematic Review of Psychometric Properties of Instruments. MNRS 47th Annual Research Conference (in-person), Des Moines, IA, USA. **PhD Student Poster Competition (2nd Place PhD Poster Award)**
- 18 **Liu, W.**, *Perkhounkova, Y.*, Hein, M., & Bakeman, R. (2023). Temporal Relationships between Nursing Home Staff Approaches and Behaviors of Residents with Dementia during Mealtimes: A Sequential Analysis. MNRS 47th Annual Research Conference (in-person). Des Moines, IA, USA. Gerontological Nursing Science Research & Implementation Interest Group (RIIG) **Guaranteed symposium session** 'Navigating Life Transitions for Older Adults: Stages and Settings'.
- 17 Kim, S., & **Liu, W.**, Daack-Hirsch, S., Williams, KN. (2022). Communication Behaviors in Dementia Family Communication and Relationships with Individual Characteristics. MNRS 46th Annual Research Conference (in-person). Schaumburg, IL, USA. Gerontological Nursing Science Research & Implementation Interest Group (RIIG) **Competitive symposium session** 'Cognitive Health and Function of Older Adults'.
- 16 **Liu W.**, Williams, KN., Perkhounkova, E., & Hein, M. (2022). Person-centered and Task-centered care and Mealtime Behaviors in Nursing Home Residents with dementia: Impact on Food Intake. MNRS 46th Annual Research Conference (in-person). Schaumburg, IL, USA. Gerontological Nursing Science Research & Implementation Interest Group (RIIG) **Competitive symposium session** 'Cognitive Health and Function of Older Adults'.
- 15 **Liu W.**, Williams, KN., Batchelor, M. K., Perkhounkova, E., & Hein, M. (2020). Mealtime Nonverbal Communications among Nursing Home Staff and Residents with Dementia: A Secondary Analysis of Videotaped Observations. MNRS 45th Annual Research Conference (virtual). **Poster**
- 14 **Liu, W.**, Kim, S., & Alessio, H. (2020). Measuring Caregivers' Knowledge, Attitude, and Behaviors During Mealtime Care of Persons With Dementia: A Systematic Review of instruments. MNRS 44th Annual Research Conference (Virtual), Schaumburg, IL, USA. **Poster.**

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- 13 **Liu, W.**, Batchelor-Murphy, M., & Williams, K. N. (2019). Feasibility, Ease of Use, and Interrater Reliability of the Cue Utilization and Engagement in Dementia Mealtime Video-coding Scheme. MNRS 43rd Annual Research Conference, Kansas City, KS, USA. **Paper**
 - 12 *Rediehs, M.*, & **Liu, W.** (2019). Mealtime Difficulties and Targeted Non-Pharmacological Interventions for Individuals with Dementia: A Systematic Review. MNRS 43rd Annual Research Conference, Kansas City, KS, USA. **Student competitive poster**
 - 11 **Liu, W.**, Williams, K. N., Batchelor-Murphy, M., Smith, M., Perkhounkova, Y., & Hein, M. (2018). Eating Behaviors in Relation to Food and Fluid Intake in Nursing Home Residents with Dementia: Computer-Assisted Behavioral Analysis of Mealtime Videos. MNRS 42nd Annual Research Conference, Cleveland, OH, USA. **Late Breaking Poster**
 - 10 *VonderHaar, K.*, *Bordenet, C.*, & **Liu, W.** (2018). Promoting Eating Performance for Cognitively Impaired Institutionalized Residents: Prioritized Problematic Mealtime Behaviors and Targeted Nursing Strategies. MNRS 42nd Annual Research Conference, Cleveland, OH, USA. **Late Breaking Poster (supported by UI CON Young Scientist Award Program)**
 - 9 Jao, YL., Parajuli, J., Sefcik, J. S., **Liu, W.**, Petrovsky, D. V., Massimo, L., Gilmore-Bykovskiy, A., MacAndrew, M., Brewster, G., & Kolanowski, A. (2018). Determinants of Behavioral and Psychological Symptoms of Dementia: A Scoping Review. Eastern Nursing Research Society (ENRS) 30th Annual Research Conference, Newark, New Jersey. **Poster**
 - 8 **Liu, W.**, Jao, YL., & Williams, KN. (2017). Personal and Environmental Factors that Influence Eating Performance among Older Adults with Dementia in Nursing Homes. MNRS 41st Annual Research Conference, Minneapolis, MN, USA. **Paper**
 - 7 **Liu, W.**, Johantgen, M., & Newhouse, R. (2017). Psychometric testing of the Smoking Cessation Counseling Scale among Acute Care Magnet® Hospital Nurses. MNRS 41st Annual Research Conference, Minneapolis, MN, USA. **Paper**
 - 6 **Liu, W.**, Galik, E., Boltz, M., Nahm, ES., Lerner, N., & Resnick, B. (2016). Factors that Influence Eating Performance for Long-term Care Residents with Moderate-to-Severe Cognitive Impairment. MNRS 40th Annual Research Conference, Milwaukee, WI, USA. **Poster discussion**
 - 5 **Liu, W.**, Unick, J., Galik, E., & Resnick, B. (2016). Activities of Daily Living among Nursing Home and Assisted Living Residents: A Multilevel Analysis of Individual and Institutional Factors. MNRS 40th Annual Research Conference, Milwaukee, WI, USA. **Paper**
 - 4 **Liu, W.**, Unick, J., Galik, E., & Resnick, B. (2015). Barthel Index of Activities of Daily Living: Item Response Theory Analysis for Long-term Care Adults. The Southern Nursing Research Society (SNRS) 29th Annual Conference, Tampa, FL. **Poster**

- 3 **Liu, W.**, Cheon, J., & Thomas, S. A. (2013). Interventions on mealtime difficulties in older adults with dementia: A systematic review. The Western Institute of Nursing (WIN)'s 46th Annual Communicating Nursing Research Conference, Anaheim, CA, USA. **Poster**
- 2 **Liu, W.**, Cheon, J., & Thomas, S. A. (2013). Interventions on mealtime difficulties in older adults with dementia: A systematic review. 2013 George Washington School of Nursing Sigma Theta Tau International (STTI) Honor Society of Nursing Phi Epsilon Chapter Virtual Scholarly Research Exhibition. **Online Exhibition.** <http://nursing.gwu.edu/scholarly-virtual-exhibition>
- 1 **Liu, W.**, Cheon, J., & Thomas, S. A. (2012). Interventions on mealtime difficulties in older adults with dementia: A systematic review. The 2012 Washington Regional Nursing Research Consortium (WRNRC) 3rd Annual Doctoral Student Research Conference, Washington, DC, USA. **Poster**

Local (N=11)

- 11 *Naughton, G., Suh, H., **Liu, W.*** (2023). Systematic Literature Review of Mealtime Care Interventions for Older Adults with Dementia. University of Iowa Fall Undergraduate Research Festival, **Student Poster (supported by Iowa Center for Research by Undergraduates fellowship)**
- 10 *Raju, K., Suh, H., **Liu, W.*** (2022). An Overview of the OPTIMAL Study: Assessing Mealtime Care For Dementia Patients. University of Iowa Summer Undergraduate Research Festival, **Student Poster (supported by Iowa Center for Research by Undergraduates fellowship)**
- 9 *Coates, C., Suh, H., **Liu, W.*** (2022). A Synopsis of the OPTIMAL Study: Assessing Mealtime Care Practices for Dementia Patients. University of Iowa College of Public Health Undergraduate Research Experiential Learning Showcase. **Student Poster**
- 8 *Song, W., Suh, H., **Liu, W.*** (2022). Mealtime Behavior in Patients with Dementia at Nursing Homes. University of Iowa STTP program Research Showcase. **Student Poster (supported by University of Iowa Secondary Student Training Program, SSTP)**
- 7 *Altemeier, M., & **Liu, W.*** (2020). Association between Staff - Resident (Dyadic) Mealtime Nonverbal Interaction and food intake in Nursing Homes. University of Iowa E-Spring Undergraduate Research Festival (Hot-Seat Research Video Project, during COVID-19 pandemic), **Student e-Poster (supported by Iowa Center for Research by Undergraduates fellowship)**
- 6 *Rediehs, M., & **Liu, W.*** (2020). Non-Pharmacological Nursing Interventions to Improve Mealtime for Dementia Patients. University of Iowa E-Spring Undergraduate Research Festival (PowerPoint Poster and Pitch, during COVID-19 pandemic), **Student e-Poster (supported by Iowa Center for Research by Undergraduates fellowship)**

- 5 *Alessio, H., & Liu, W.* (2019). Characteristics and Patterns of Staff - Resident (Dyadic) Nonverbal Interaction during Mealtimes among Nursing Home Staff and Residents with Dementia. University of Iowa 9th Annual Spring Undergraduate Research Festivals (SURF), Iowa City, IA, USA. **Student Poster (supported by Iowa Center for Research by Undergraduates fellowship)**
- 4 *Altemeier, M., & Liu, W.* (2018). Characteristics of Staff-Resident Mealtime Verbal Communication and Relationship with Intake in Nursing Home Residents with Dementia. University of Iowa 9th Annual Fall Undergraduate Research Festivals (FURF), Iowa City, IA, USA. **Student Poster (sponsored by Iowa Center for Research by Undergraduates fellowship)**
- 3 **Liu, W.**, Galik, E., & Resnick, B. (2014). Effects of Physical Capacity and Cognition on Eating in Long-term Care Adults with Dementia. 2014 Graduate Research Conference (GRC). University of Maryland, Baltimore, MD, USA. **Poster**
- 2 **Liu, W.**, Unick, J., Galik, E., & Resnick, B. (2014). Barthel Index of Activities of Daily Living: Item Response Theory Analysis for Long-term Care Adults. 2014 Graduate Research Conference (GRC). University of Maryland, Baltimore, MD, USA. **Paper**
- 1 **Liu, W.**, Galik, E., & Resnick, B. (2013). Optimizing Independent Eating for Institutionalized Older Adults with Dementia: A Systematic Review. 2013 Graduate Research Conference (GRC). University of Maryland, Baltimore, MD, USA. **Poster**

SERVICE

Professional Services

Professional Organization Service

- 2013-present **The Gerontological Society of America (GSA)**
- Abstract reviewer (2015- present)
 - Member, Nursing Interest Group (2013-present)
 - Paper Session Chair (2021-2022)
 - Dyadic Research (BSS Paper) (2021, virtual)
 - Mealtimes and Nutrition (2022, in-person)
 - Volunteer/member, Career Conversations & Mentoring Consultancies Workgroups (1/1-12/31, 2024)
 - Facilitator/moderator, GSA Mentoring Consultancies session “Navigating the Tenure Track” on 1/19/2022
 - Co-moderator (with Juanita-Dawne Bacsu and Patty Slattum), GSA Career Conversations webinar “Negotiating for Your First Academic job offer” on 3/23/2022
 - Facilitator/moderator, Mentoring Consultancies session “Making the Most of Your Mentoring Relationships: For Mentees” on 11/4/2022

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- Facilitator/moderator, GSA Career Conversations webinar “*It’s Never Too Early to Start: Exploring the Non-Financial Aspects of Retirement*” on 1/24/2023
 - Facilitator/moderator, GSA Mentoring Consultancies session “Landing Your First Faculty Position” on 11/10/2023
 - Volunteer/member, 2022 Program, Publications, and Products Committee- Annual Scientific Meeting Working Group (for Health Science Section) (January 1- December 31, 2022)
 - Mentor/Volunteer, GSA Mentoring Program (2022-present)
- 2015- present **Midwest Nursing Research Society (MNRS)**
- Chair-Elect/Chair/Past-Chair, MNRS Gerontological Nursing Science Research Interest and Implementation Group (Gero-RIIG, 2022-2025)
 - Reviewer, MNRS Awards Committee (2022- present)
 - Reviewer, MNRS Grant Review Committee (2020-present)
 - Member, MNRS Membership Committee (2019-present)
 - Reviewer, MNRS competitive and student abstracts (2015- present)
 - Reviewer, Gerontological Nursing Science Research Interest and Implementation Group (Gero-RIIG) Awards committee (2020)
- 2021-present **Alzheimer's Association**
- Reviewer, International Research Grant Program (2022-present)
 - Research spokesperson, Alzheimer's Association, Iowa Chapter (invited, 06/2021-present)
- 2011-present **Council for the Advancement of Nursing Science (CANS)**
- Student Member (2011-2015)
 - Regular member (2018-present)
 - Abstract reviewer (2011-present)
- 2012-2015 Sigma Theta Tau International (STTI), Honor Society of Nursing, 015 Pi Chapter
- Member (2012-2015)
- 2012-2015 The International Network for Doctoral Education in Nursing (INDEN)
- Member (2012-2015)
- 2014-2015 Southern Nursing Research Society (SNRS)
- Abstract reviewer (2014-2015)
- External Grant Reviewer**
- 2018- National Institutes of Health (NIH) Early Career Reviewer (ECR) Program (2018-current)
- External Promotion/Tenure Reviewer**
- 2023 The Johns Hopkins School of Nursing (JHSON) Research-Education track

Task Force/Expert Panel

- 2015-present Member/coordinator, I-DINE (International-Dining In Nursing home Experts) Research Consortium, **International**
- 2015-present Member/coordinator, Intensive Individualized Comfort Care-Mealtime (IICC-M) community, **International**
- 2021-present Member/coordinator, Iowa Nursing Home Quality Partners, Iowa Person Directed Care Coalition, Iowa Partnership to Improve Dementia Care, QIN-QIO Advisory Group, **State level**
- 2023-present Member/coordinator, ADRD Coalition and Assure a Competent Workforce Workgroup at Iowa Department of Health and Human Services, **State level**
- 2021-present Member/coordinator, Johnson County LTCF (Long-Term Care Facility) Quality Committee, **Local**

Editorial Board

- 2021-present Member, Geriatric Nursing (GN, IF = 2.361)
- 2022-present Member, International Journal of Older People Nursing (IJOPN, IF = 2.115)

Journal Manuscript Reviewer

- 2020-present Journal of Advanced Nursing (2-yr IF= 3.8)
- 2020- present Western Journal of Nursing Research (2-yr IF=1.8; 5-yr IF=2.1)
- 2020- present Journal of Gerontological Nursing (JGN, Review Panel, 3-year term, 2-yr IF=1.3)
- 2020- present Research in Gerontological Nursing (RGN, Review Panel, 3-year term, IF = 1.6)
- 2018- present International Journal of Older People Nursing (IJOPN, IF = 2.2)
- 2016- present International Journal of Nursing Studies (IJNS, IF = 8.1)
- 2016- present The Gerontologist (TG, 2-yr IF= 5.7; 5-yr IF=6.2)
- 2014- present Nursing Research (NR, 2-yr IF= 2.4; 5-yr IF= 3.2)
- 2014- present Journal of Nursing Measurement (JNM, IF= 0.19)
- 2012- present Geriatric Nursing. (GN, IF = 2.9)
- 2020-2020 BMC Geriatrics (2-yr IF=4.1; 5-yr IF=4.9)
- 2018-2020 PLOS ONE (IF = 3.7)
- 2016-2020 Disability and Rehabilitation (2-yr IF=2.2; 5-yr IF=2.5)
- 2016-2020 The Journal of Nutrition, Health and Aging (2-yr IF=5.8; 5-yr IF=5.1)
- 2015-2020 Annals of the New York Academy of Sciences (2-yr IF= 5.2; 5-yr IF=6.3)
- 2015-2020 Nutrition Journal (2-yr IF= 5.4; 5-yr IF=5.3)
- 2015-2020 **Journal of Neuroscience Nursing (2-yr IF= 1.6; 5-yr IF=1.7)**
- 2013-2020 The Journals of Gerontology, Series A: Biological Sciences and Medical Sciences (J Gerontol A Biol Sci Med Sci, 2-yr IF= 5.1; 5-yr IF=5.6)
- 2012-2020 Translational Behavioral Medicine: Practice, Policy, Research (TBM, IF = 3.6)

Social Media/Interviews

2023/11/15 University of Iowa lands almost half-a-million dollars for Alzheimer's research. Radio Iowa (a division of Learfield News & Ag, LLC, broadcasting to 60+ stations across the state). <https://www.radioiowa.com/2023/11/15/university-of-iowa-lands-almost-half-a-million-dollars-for-alzheimers-research/>
<https://www.kjan.com/index.php/2023/11/university-of-iowa-lands-almost-half-a-million-dollars-for-alzheimers-research/>

University of Iowa

University Service

2023-present Grant reviewer, University of Iowa Csomay Center for Gerontological Excellence Thoreson Initiative Optimal Aging Funds

2021-2024 College of Nursing representative, University of Iowa Conflict of Interest in Research Committee (CIRC)

2021-present UICON Promotion and Tenure Peer Group

2021- present Grant reviewer, University of Iowa Seeding Excellence (SEI): OVPR Early Career Scholars program

09/2021-present Leadership Committee, UI Csomay Center for Gerontological Excellence, Iowa City, IA

01/2022-present Initiative Coordinator/Director, Aging Health Scientific Hub (- an interdisciplinary professional networking group to improve aging education, research, and care practice through collaborative community engagement of scholars, researchers, and clinicians in aging), UI Csomay Center for Gerontological Excellence, Iowa City, IA

05/2021-present Faculty participant and research collaborator, Csomay Community of Scholars (an interdisciplinary professional community with biweekly working group activities and biweekly educational seminars provided by gerontology faculty for persons working with older adults), UI Csomay Center for Gerontological Excellence, Iowa City, IA

09/2021-05/2022 Strategic Planning Committee for 2022-2024/25, UI Csomay Center for Gerontological Excellence, Iowa City, IA

2016-2017 Member, AMBI Search Committee

Collegiate Service (College of Nursing)

2019- present Member, CON PhD Admission and Progression Committee

2020-present Grant reviewer, CON Internal grants

2016-2019, 2020-2022 Member, CON BSN Admission Committee

2017 Grant reviewer, CON Woodrow W. Morris Gerontology Research Award and Barbara and Richard Csomay Gerontology Research Award for students and post-doctoral scholars, Barbara and Richard Csomay Center for Gerontological Excellence

University of Maryland at Baltimore

University Service

2014-2015	Graduate Student Association Representative, Doctoral Student Organization Executive Committee Board
2013-2014	Curriculum Committee Representative, Doctoral Student Organization Executive Committee Board

TEACHING

The University of Iowa

Courses

Course name:	Measurement in Health Research (NURS:7310:0001/0EXW, PhD level)
Role	Primary instructor (2020 Fall - current);
(Duration):	Co-instructor/Team-teacher (2019 Fall)
Course name:	Professional Role II: Research (NURS:3460:0001, undergraduate level)
Role	Co-instructor/Team-teacher (2017 Spring – 2019 Spring)
(Duration):	
Course name:	Professional Role II: Research (NURS:3460:0EXV/UW, undergraduate level)
Role	Team-teacher (2016 Spring -2016 Fall), Primary Instructor (2017 Spring -2019 Spring)
(Duration):	
Course name:	Intro Human Genetics (NURS:3734:0EXW/0EXV Spr16, undergraduate level)
Role	Team-teacher (2015 Fall - 2016 Spring)
(Duration):	

Guest Lectures

Course name:	Measurement in Health Research (NURS:7310:0001/0EXW, PhD level)
Title	Tool Construction (2017 Fall - 2018 Fall)
(Duration):	
Course name:	Aging Matters: Intro to Gerontology (SSW:1800:0001, undergraduate level)
Title	Eating and Feeding in Dementia (2017 Fall)
(Duration):	Optimizing Care Quality, Eating, and Intake: A Program of Research in Dementia Mealtime Care (Spring 2020)
Course name:	Gerontological Nursing (NURS:3620:0001, undergraduate level)
Title	Eating and Feeding in Dementia (2017 Spring)
(Duration):	
Course name:	Gerontological Nursing Practicum (NURS:3625:0001, undergraduate level)
Title	Successful aging, Healthy Aging (2015 Fall - 2016 Spring)
(Duration):	

University of Maryland, Baltimore

Guest**Lectures**

Course name: Research and Evidence-based Practice (NURS 316, undergraduate level)

Lecture title: Statistical Analysis of Quantitative Data

Year: 2014

Course name: Science and Research for Advanced Nursing Practice (NURS 701, master level)

Lecture title: Measurement: Reliability and Validity

Year: 2014

Course name: Theory and Conceptualization in Nursing Science (NURS 841, PhD level)

Lecture title: Writing and Publishing a Systematic Review

Year: 2013

China**Courses**

Course name: Fundamentals, Basic Concepts and Theories in Gerontological Nursing
(undergraduate)

Institution: Shandong Medical College, Jinan, China

Role: Instructor (Part-time)

Duration: 2010-2011

Course name: Speaking and Written English

Institution: Jinan Aston English School, Jinan, China

Role: Instructor & Teaching Assistant (Part-time)

Duration: 2010-2011

Course name: Adolescent Health and Development (undergraduate)

Institution: Shandong University School of Nursing

Role: Instructor & Teaching Assistant (Part-time)

Duration: 2007-2008

MENTORING**Faculty (N=2)**

Faculty name: Dr. Yamnia Cortes, Associate Professor (new UI CON faculty member)

Areas of interest: women's health, reproductive aging, cardiovascular health

Role: primary research mentor

Duration: 2023- present

Faculty name: Kyung Soo Kim, PhD, RN, Associate Faculty

Areas of interest: Chronic pain, aging, patient-centered art making
 Role: Research Co-mentor
 Duration: 2023- present

Postdoctoral Research Scholar (Internal, N=1)

Scholar Name Natany da Costa Ferreira Oberfrank, PhD, RN (University of Iowa College of Nursing, USA)
 Areas of interest: Development and Validation of Measures to Assess Knowledge and Motivation for Symptom Management on Heart Failure
 Role: Co-mentor
 Duration: 2021 - 2022
 Faculty position University of Iowa College of Nursing, USA (2022 - present)

Postdoctoral Research Scholar (External/International, N=1)

Scholar Name Natalia Gomes Goncalves, PhD, BS (University of Sao Paulo Medical School, Sao Paulo, Brazil)
 Areas of interest: Cognitive reserve and dementia, epidemiological and molecular biology aspects of cognitive reserve
 Role: Mentor (connected through GSA mentoring program)
 Duration: 2023- present
 Current position Post doctoral Researcher

**PhD Comprehensive Examination/Dissertation Committee (Internal)
 Completed (N=2)**

Student name: Sohyun Kim, PhD, MSN, RN (University of Iowa College of Nursing, USA)
 Title: In-Home Care Dyadic Communication between Family Caregivers and Persons Living with Dementia
 Role: Chair, Dissertation Committee
 Member, Comprehensive Exam Committee
 Duration: 2017-2022
 Faculty position University of Massachusetts Amherst College of Nursing, USA (2022-present)

Student name: Clarissa (Claire) Shaw, PhD, MSN, RN
 Institution: University of Iowa College of Nursing, Iowa City, IA, USA
 Title: Rejection of Care in Hospitalized Persons Living with Dementia: The Impact of Nurse Communication
 Role: Member, Comprehensive Exam and Dissertation Committee
 Duration: 2018-2021
 Faculty position University of Iowa College of Nursing, USA (2021-present)

PhD Dissertation Committee (External, Invited, N=1)

Student name: Sarah Wu
 Institution: University of Waterloo (UW) Department of Kinesiology and UW Research Institute for Aging, Waterloo, Ontario, Canada

Title: Relational Mealtimes in Long-Term Care: Understanding the context of care at mealtimes for residents with eating challenges
 Role: External Examiner of the PhD Thesis (Oral) Examining Committee (Invited and approved by the Graduate Studies at UW)
 Duration: 2021
 Faculty position: University of Waterloo, Canada

DNP Project Committee (external, completed, N=2)

Student name: Joshua Griffin & Ashley Naugler
 Institution: University of Maryland School of Nursing, Baltimore, MD, USA
 Title: Implementation of a Mealtime Assistance Training Program for Long Term Care Staff Assisting Residents with Dementia
 Role: Consultant
 Duration: 2019-2020

Student mentee awards

2023 **Kyu Ri Lee** (PhD student; advisor: **Wen Liu**) received 2nd Place PhD Student Poster Competition at 47th MNRS, 2023 (see regional presentation #19)

Undergraduate Research

ICRU (Iowa Center for Research by Undergraduates fellowship, N=4)

Student name: Garrett Naughton (Public Health)
 Project title: Systematic Literature Review of Mealtime Care Interventions for Older Adults with Dementia

Fellowship type/Course: University of Iowa Csomay Center of Gerontological Excellence Summer 2023 Research Fellowship and CPH: 3999 course (Undergraduate Research Experiential Learning)

Product: A poster presentation in Fall 2023ss (see Presentations - Local - #11)

Student name: Kavya Raju (Public Health)
 Project title: An Overview of the OPTIMAL Study: Assessing Mealtime Care For Dementia Patients

Fellowship type: University of Iowa Csomay Center of Gerontological Excellence Summer 2022 Research Fellowship

Product: A poster presentation in Summer 2022 (see Presentations - Local - #10)

Student name: Altemeier, Maya (Public Health. Pre-med track)
 Project title: Association between Staff - Resident (Dyadic) Mealtime Nonverbal Interaction and food intake in Nursing Homes

Fellowship type: University of Iowa 2019-2020 Academic Year Research Fellowship

Product: A virtual presentation in Spring 2020 (see Presentations - Local - #8)

Student name: Rediehs, McKenzie(Nursing)

Project title: Non-Pharmacological Nursing Interventions to Improve Mealtime for Dementia Patients
 Fellowship type: University of Iowa 2019-2020 Academic Year Research Fellowship
 Product: A virtual presentation in Spring 2020 (see Presentations - Local - #7)

Student name: Alessio, Holly(Nursing)
 Project title: Characteristics and Patterns of Staff - Resident (Dyadic) Nonverbal Interaction during Mealtimes among Nursing Home Staff and Residents with Dementia
 Fellowship type: University of Iowa 2018-2019 Academic Year Research Fellowship
 Product: A poster presentation in Spring 2019 (see Presentations - Local - #6)

Student name: Altemeier, Maya (Public Health. Pre-med track)
 Project title: Characteristics and Patterns of Staff - Resident (Dyadic) Verbal Interaction during Mealtimes among Nursing Home Staff and Residents with Dementia
 Fellowship type: University of Iowa Summer 2018 Research Fellowship
 Product: A poster presentation in Fall 2018 (see Presentations - Local - #5)

UI CON Young Scientist Award Program (N=4)

Student name: Kayla VonderHaar (Nursing)
 Duration: 2017-2018
 Project title: Promoting Eating Performance for Cognitively Impaired: Description of Nursing Home Resident Mealtime Behaviors and Targeted Nursing Strategies
 Product: An international presentation in Summer 2018 (see Presentations- International- #6)
 A regional presentation in Spring 2018 (see Presentation – Regional- #10)

Student name: Alaria Harken (Nursing)
 Duration: 2021-2022
 Project title: Identifying Person-Centered Mealtime Care Principles for People with Dementia – A Combination of Literature Synthesis and Direct Care Experiences
 Product: Project results were used as part of the OPTIMAL education modules

Student name: Lena Hughes (Nursing)
 Duration: 2021-2022
 Project title: Developing Cases and Scenarios of Mealtime Challenging Behaviors and Targeted Behavioral Interventions – A Combination of Literature Synthesis and Direct Care Experiences
 Product: Project results were used as part of the OPTIMAL education modules

Student name: Christina G Aucoin (Nursing)
 Duration: 2021-2022
 Project title: Literature Synthesis of Characteristics and Psychometric Quality of Instruments Assessing Mealtime Outcomes in People with Dementia
 Product: In Progress

Honors Independent Study (NURS:4099, 3 sch, N=4)

Student name: Eliza Miller (Nursing)
 Semester: Spring 2018
 Project description: Experiences related to transcription and behavioral coding of mealtime difficulties for people with dementia using videotaped observations
 Product: An in-class presentation at one PR II: Research class describing experiences and encouraging students to get involved with research during undergraduate program

Student name: Toby Manthai (Graduate School, Professional degree)
 Semester: Fall 2017
 Project description: Experiences related to transcribing and analyzing qualitative data from focus group interviews to understand facilitators and barriers in optimizing eating performance among cognitively impaired older adults from nursing assistants' perspectives.
 Product: An international presentation in Summer 2018 (see Presentations- International- #8)

Student name: Margaret Turk (Nursing)
 Semester: Fall 2017
 Project description: Identifying gaps between the knowledge and training of direct care staff in nursing homes providing mealtime assistance to residents with dementia and evidence from literature on staff training
 Product: An in-class project presentation, and an information brochure shared with local nursing homes, aging agencies, and public places (e.g., local public libraries)

Student name: Megan Lough (Nursing)
 Semester: Spring 2016
 Project description: Experiences related to recruiting direct care staff in nursing homes and assisting with focus group interviews to identify successful/unsuccessful processes that exist surrounding the issue of engaging residents in self-eating
 Product: A project summary describing related research experiences

Undergraduate Research Experiential Learning

Student name: Cameron Coates (Public Health)
 Project title: A Synopsis of the OPTIMAL Study: Assessing Mealtime Care Practices for Dementia Patients
 course: CPH: 3999 course (Undergraduate Research Experiential Learning)
 Product: A poster presentation in Fall 2022 (see Presentations - Local - #9)

Secondary Student Research (sponsored by UI Secondary Student Training Program, SSTP)

Student name: Wendy Song
 Semester: Summer 2022
 Project description: Research experiences related to recruiting nursing home residents, observing their behaviors, and performing preliminary analysis of research data.
 Product: A poster presentation on campus in Summer 2022 (see Presentations - Local - #8)

PROFESSIONAL DEVELOPMENT AND TRAINING

- 2015 - 2017 Early Career Faculty Program and Academy, ITS Office of Teaching, Learning & Technology Center for Teaching
- 2015 - 2017 Graduate Certificate in College Teaching Program, supported by College of Nursing professional development funds
- Successfully completed two courses, titled "Seminar in College Teaching" and "Online Course Design and Facilitation"