

Center for Home Care Policy & Research at  VNS Health	Peer-Reviewed and Other Publications January 2026 – May 2026
(Alphabetic order by first author)	Authors in bold are Research Center staff

(as of 5/18/2026)

Peer-Reviewed Publications by Research Center at VNS Health Staff

2026

1. Almeida Neto, O.P., Vellone, E., **Riegel, B.**, Rabelo-Silva, E.R., Zeffiro, V., Della-Bella, V. (2026). [Beyond universality: Confronting nursing theories with the realities of chronic care](#). Revista Latino-Americana de Enfermagem. 34, e4994
2. Arbaje, A.I., Hsu, Y.J., Greyson, S., **Bowles, K.H.**, **McDonald, M.V.**, **Vergez, S.**, Harbison, K., Williams, N., Hohl, D., Carl, K., Gurses, A.P., Marsteller, J.A., Leff, B. (2026). [The coming home intervention to enhance safe hospital-to-home health transitions: Pilot evaluation](#). Quality Management in Health Care. 35(1), 1-9
3. Bidwell, J.T., Quinn, R., Hirschman, K.B., **Bowles, K.H.**, Thomas, G.L., Stawnychy, M.A., Matus, A., Wald, J.W., Fauer, A.J., **Riegel, B.** (2026, E-published ahead of print). [Supporting family caregiver health in heart failure: Longitudinal associations between heart failure caregiver self-care and patient hospitalizations](#). Journal of Cardiac Failure.
4. **Burgdorf, J.G.**, Wolff, J.L., **Barrón, Y.**, Amjad, H. (2026). [Dementia severity associated with unmet caregiving needs during skilled home health care](#). Journal of Applied Gerontology. 45(1), 135-146.
5. De Maria, M., Dello Iacono, I., Ferro, F., Vellone, E., Ausili, D., **Riegel, B.**, Barbaranelli, C., Matarese, M. (2026, E-published ahead of print). [Measurement equivalence of the self-care of chronic illness inventory across time: Longitudinal structural equation models](#). The Gerontologist.
6. Hirschman, K.B., Weiss, C.R., Brown, S., Samuels, C., **Bowles, K.H.**, Carthon, J.M.B., Huang, L., Ramsburg, H., Walser, T.J., Naylor, M.D., **Riegel, B.** (2026, E-published ahead of print). [Virtual health coaching to improve self-care among informal caregivers of hospitalized older adults during a transition in care: Randomized controlled trial study protocol](#). Contemporary Clinical Trials. 165, 108324
7. Koons, B., Lehman, R., Aryal, S., **Riegel, B.**, Buck, H.G. (2026, In press). A Psychometric Evaluation of the Adapted Dyadic Self-Care in Transplant Scale. Journal of Nursing
8. Lee, C.S., Antoniadou, M., Jaarsma, T., **Riegel, B.**, Westland, H. (2026, E-published ahead of print). [The comparative efficacy of comprehensive self-care interventions in chronic illness: An updated meta-analysis of randomized controlled trials](#). International Journal of Nursing Studies Advances. 10, 100476.



9. Lee, C.S., **Riegel, B.** (2026). [Psychometric testing of the updated self-care of heart failure index version 8.0 using item response theory](#). The Journal of Cardiovascular Nursing. 41(2), 87-96.
10. Matarese, M., Lommi, M., De Maria, M., **Riegel, B.** (2026). [Development and psychometric testing of the inventory of self-care decision-making styles of older adults](#). Research in Nursing & Health. 49(1), 49-59.
11. Matus, A.M., Agni, A., Amiel, S.A., **Riegel, B.**, Shaw, J.A., Speight, J., Rickels, M.R., Lin, Y.K. (2026). [Interceptive awareness moderates the relationship between hypoglycemia exposure and symptom recognition in adults with type 1 diabetes](#). Diabetes Care. 49(3), 435-443.
12. Napolitano, D., Iovino, P., Benedetti, F., Dorri, N., **Riegel, B.**, Vellone, E. (2026, In press). [Predictors of Self-Care Among Informal Caregivers of Patients with Inflammatory Bowel Disease: A Cross-Sectional Study](#), Annals of Gastroenterology.
13. Pitcher, K.S., Massimo, L., Stawnychy, M.A., **Bowles, K.H.** (2026, E-published ahead of print). [Defining diagnostic disclosure in the acute care setting: A concept analysis](#). International Journal of Nursing Studies. 179, 105522.
14. **Riegel, B.**, Jaarsma, T., Strömberg, A. (2026). [An update to the middle-range theory of self-care of chronic illness](#). ANS: Advances in Nursing Science. 49(1), 14-25.
15. **Riegel, B.**, Kim, S.H., Quinn, R., Walser, T.J., Pitcher, K.S., Ferguson, J., Sang, E., Matus, A., Thomas, G.L., Hirschman, K.B. (2026, E-published ahead of print). [Predictors of engagement in a virtual support intervention for caregivers of adults with heart failure: An explanatory sequential mixed methods study](#). The Journal of Cardiovascular Nursing.
16. **Russell, D.**, **Burgdorf, J.**, Reckrey, J. M. (2026). [Does switching to consumer-directed personal care impact health and service utilization among Medicaid enrollees in the New York metropolitan area?](#) Journal of the American Medical Directors Association. 27(4), 106120.
17. **Russell, D.**, **McDonald, M.V.**, Chastain, A.M., Xu, Z., **Vergez, S.M.**, **Onorato, N.**, Brasch, J., Ramos, E., Wang, J., Perera, U.G.E., McGoldrick, M., Shang, J. (2026). [Infection prevention and control knowledge, attitudes, and practices among home health care patients and their family caregivers: Findings from a multisite survey](#). American Journal of Infection Control. 54(5), 531-537
18. Shang, J., Chastain, A.M., **McDonald, M.V.**, Wang, J., Lee, J.W., Ji, X., Morse-Karzen, B., **Russell, D.** (2026). [Infection prevention and control knowledge, attitudes, and practices among patients and informal caregivers in home-based care: A systematic review](#). American Journal of Infection Control. 54(1), 71-87.

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19. Song, J., Beigi, H., **Davoudi, A.**, Moon, R., **McDonald, M.V.**, **Sridharan, S.**, Stanley, J., **Bowles, K.H.**, Shang, J., Stone, P.W., **Topaz, M.** (2026). [Leveraging patient and their surrogate caregiver communication with clinicians to predict palliative care decisions: A speech processing study.](#) Geriatric Nursing. 68, 103884.
20. **Spens, I.**, Zhang, Z., Maleki H.A., **Vergez, S.**, **Sridharan, S.**, **Flaherty, G.**, **Onorato, N.**, Noble, J., **McDonald, M.**, Zolnoori, M. (2026, In press) *Capturing cognitive clues through speech: Feasibility and acceptability of audio-recorded assessments in black home healthcare patients.* JMIR Formative Research.
21. **Vergez, S.M.**, Mitlak, H.W., Espinosa, C.G., Ringel, J.B., **McDonald, M.V.**, Sterling, M.R. (2026, E-published ahead of print). [Impact of an Educational Intervention on Job Satisfaction Among Home Health Aides: Findings from a Mixed-Methods Analysis of a Pilot Randomized Controlled Trial.](#) Home Health Care Management & Practice
22. Zolnoori, M., Zolnour, A., Rashidi, S., **Spens, I.**, Haghbin, Y., **Vergez, S.**, **Flaherty, G.**, **Onorato, N.**, **Vasquez, F.**, Noble, J.M., **McDonald, M.V.** (2026). [Detecting mild cognitive impairment using follow-up call speech and electronic health record data in home health care settings.](#) Journal of Gerontological Nursing. 52(1), 8-14.

Other Publications by Research Center at VNS Health Staff

1. **Ryvicker, M.**, Havaladar, S, Maeng, D, Rosen J. (2026). [An Innovative Approach to Proactively Identifying and Treating Unmet Behavioral Health Needs to Reduce Unnecessary Medical Costs in a Medicare Advantage Population: Pilot Study Findings.](#) [White Paper]

Submitted Peer-Reviewed Manuscripts Currently Under Review

Kim, P.S., **McDonald, M.V.**, Boafu, J., Moreines, L.T., Schulman-Green, D., David, D., Brody, A., Aldridge, M., Franzosa, E. *Home care workers' role in supporting hospice care: An integrated multiple methods analysis.* Under review.

Kumar, D.S., **Riegel, B.**, Dunsiger, S., Walaska, K., Breault, C., Cohen, R., Liu, C., Pond, H., Salmoirago-Blotcher, E. *Mindfulness training and trajectories of medication adherence among Individuals with Heart Failure: A Latent Class Growth Analysis.* Under review.

Luth, E.A., Hoover, D., **McDonald, M.V.**, Sheldon, K.G., **Vasquez, F.**, Llana, D., Brody, A.A., **Bowles, K.H.** *Results from a feasibility and acceptability pilot RCT of the Enhancing Dementia Instruction and Tool in Home Hospice Care (EDITH-HC).* Under Review.

McDonald, M.V., **Russell, D.**, Chastain, A.M., **Onorato, N.**, **Vergez, S.M.**, Brasch, Wang, J., Shang, J. *Examination of clutter, cleanliness, and hazards in home environments of home health care patients with high risk of infection: A multi-site observational study.* Under Review.

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Sun, C., Hirschman, K.H., Matus, A., Stawnychy, M., Goba, M., Thomas, G., Ashare, R., **Bowles, K.H., Riegel, B.** *Cost Effectiveness of Virtual Health Coaching for Caregivers of Heart Failure Patients: Results from a Randomized Controlled Trial.* Under review.

You, S.B., Stawnychy, M.A., Song, J., Hirschman, K.B., O'Connor, M., Sang, E., Oh, S., Pitcher, K., Garren, P., Cueto, S., **Bowles, K.H.** *Illustrating the Consolidated Framework for Implementation Research Determinants for a Sepsis Survivor Hospital-to-Home and Outpatient Care Transition Intervention.* Under review.

Honors and Awards

Maxim Topaz was selected as a 2026 International Nurse Researcher Hall of Fame honoree by the Sigma Theta tau International Honor Society of Nursing. He will be honored at Sigma's 37th International Nursing Research Congress, July 16-18, 2026 in Toronto, Ontario, Canada.

Interviews & Profiles of the VNSNY Research Center and its Staff & Projects

Anonymous (March 2026) [Study Links Behavioral Health Engagement to Lower Hospitalization.](#)
Home Care Magazine (Highlights the Ryvicker VNS Health White Paper)