

Kavita Radhakrishnan

The University of Texas at Austin
School of Nursing
(512) 471 7936 (O)
kradhakrishnan@mail.nur.utexas.edu

Citizenship Status: US Citizen

EDUCATION

2007-2011	University of Massachusetts, Amherst, MA, Nursing	PhD
2005-2006	University of Massachusetts, Amherst, MA, Nursing	BSN
2000-2002	The University of Texas, Arlington, Electrical Engineering	MSEE
1996-2000	University of Mumbai, India, Electronics Engineering	BE

CERTIFICATES AND LICENSURE

Texas Registered Nurse License (2012 – Present)
Massachusetts Registered Nurse License (2006-2012)

PROFESSIONAL EXPERIENCE

The University of Texas at Austin, School of Nursing

2026 – Current Dean
2026 – Interim Dean
2025 – Current Professor (Tenured), Division of Holistic Adult Nursing
2024 – 2026 Associate Dean for Research
2023 – 2024 Assistant Dean for Research
2022 – 2025 Director, Luci Baines Johnson and Ian J. Turpin Center for Gerontological Nursing
2019 – 2025 Associate Professor (Tenured), Division of Holistic Adult Nursing
2012 – 2019 Assistant Professor (Tenure Track), Division of Holistic Adult Nursing

The University of Pennsylvania School of Nursing, NewCourtland Center for Transitions and Health, Philadelphia, PA

2011–2012 Post-doctorate Fellow

The University of Massachusetts, Worcester, MA

2011–2012 Adjunct Assistant Professor, Graduate Entry Pathway

The University of Massachusetts, Amherst, MA

2008-2010 Research Assistant, School of Nursing and School of Engineering
2007-2011 Teaching Assistant, School of Nursing

Clinical Nursing Practice

2010-2011 Staff Nurse, VNACare Visiting Nurse Association and Hospice, Worcester MA
2008-2010 Per Diem Nurse, Medical-Oncology Floor, Milford Regional Center, Milford MA
2006-2008 Staff Nurse, Medical Floor, Baystate Medical Center, Springfield MA
2006 Internship, Intensive Care Unit, The University of Massachusetts Memorial Hospital, Worcester MA
2004 Volunteer, Medical-Surgical Unit, Lowell General Hospital, Lowell, MA

HONORS AND SPECIAL AWARDS

- 2025 Inducted to the Sigma Theta Tau International Nursing Researcher Hall of Fame
- 2025 Southern Nursing Research Society Mid-Career Nursing Researcher Award
- 2023 Inducted as a Fellow at the American Heart Association
- 2023 Inaugural member of the Research Leader's Academy at The University of Texas at Austin
- 2023 The University of Texas at Austin School of Nursing Dean's Award for Excellence in Research
- 2020 Inducted as a Fellow at the American Academy of Nursing
- 2019 Nursing Course Ambassador to The University of Texas Austin Experiential Learning Initiative
- 2019 Faculty Innovation Teaching Award at The University of Texas at Austin School of Nursing
- 2017- Board Commissioner at the City of Austin's Asian American Quality of Life
- 2020 Commission
- 2017 The University of Texas at Austin School of Nursing Dean's Award for Excellence in Scholarship
- 2014 Sigma Theta Tau International Nursing Honor Society, Epsilon Theta Chapter, The University of Texas at Austin
- 2012 - Ed & Molly Smith Centennial Fellowship, The University of Texas Austin, School of
- 2022 Nursing
- 2008-2011 Johnson & Johnson Promise of Nursing Fellowship Award
- 2008 Hluchyj Fellowship, Research Collaboration between Schools of Engineering and Nursing at The University of Massachusetts, Amherst, MA
- 2008 Tufts Nurse Faculty Scholar Program Award
- 2008 Isenberg School of Management Award at The University of Massachusetts, Amherst
- 2007-2009 Regional Employment Board of Hampden County's STAR Scholar
- 2006 Graduated Summa Cum Laude, The University of Massachusetts at Amherst
- 2006 Sigma Theta Tau International Nursing Honor Society, Beta Zeta Chapter, The University of Massachusetts at Amherst
- 2006 The University of Massachusetts, Amherst – School of Nursing Leadership Award
- 2005-2006 The University of Massachusetts, Amherst - Dean's List

RESEARCH GRANTS

FUNDED & ACTIVE

Principal Investigator

R01HL160692. Radhakrishnan (PI) 12/2021 – 11/2025 (NCE till 11/2026)

Title: Sensor-controlled digital game for heart failure self-management behavior adherence: A randomized controlled trial

Funding Agency: National Heart, Lung and Blood Institute

Costs: \$2,767,747

R01HL162598. Radhakrishnan (PI) 05/2022 - 04/2027

Title: A sensor-controlled digital game-based approach to improve self-care behaviors among adults diagnosed with hypertension in a Native American community

Funding Agency: National Heart, Lung and Blood Institute (NHLBI)

Costs: \$3,378,533

NA Radhakrishnan (PI) 06/2023 – 08/2027

Title: Center for Excellence for Long-term Care Continuing Education

Funding Agency: Texas Department of Health and Human Services

Costs: \$1,156,391.78

Other Roles

T32HL140290 Cubbin, C. (PI). 09/2023 – 08/2028

Title: Post-doctoral Training in Promoting Health Equity in Cardiovascular Disease.

Funding Agency: National Lung Heart and Blood Disorders Institute (NHLBI).

Role: Faculty Mentor / External Advisor

IN REVIEW

Principal Investigator

2R01HL160692. Radhakrishnan, K.

Title: Psychosocial Phenotype-Guided Sensor and Game Enhanced Intelligent Agent (SAGE-IA) to Improve Heart Failure Self-Management and Quality of Life: A Randomized Controlled Trial

Funding Agency: National Institutes of Health

Co-Principal Investigator

P20NR022400. Lowe, J. and Radhakrishnan, K.

Title: Nursing Center for Indigenous Research with Community Leadership Engagement (N-CIRCLE)

Funding Agency: National Institutes of Nursing Research / National Institutes of Health

COMPLETED

T32NR01903520 Kim, M. (PI). 08/2020 – 07/2025

Title: Precision Health Intervention Methodology in Self-Management Science

Funding Agency: National Institutes of Nursing Research.

Role: Co-Director

Principal Investigator

R21NR018229-01 Radhakrishnan (PI) 10/2018 – 7/2020; No-cost extension till 07/2021

Title: A pilot digital-game intervention with real-time behavior tracking to motivate self-management behaviors in older adults with heart failure (R21)

Funding Agency: National Institute of Nursing Research (NINR)

Total Cost: \$427,850.

NA. Radhakrishnan (PI) 06/2019 – 05/2020

Title: Sensor-controlled digital game for heart failure self-management.
Funding Agency: Texas Health Catalyst Program.
Total Cost: \$10000 (includes \$5000 In-Kind).

2018 – 2019 Radhakrishnan, K. (PI). Funded by Ed and Molly Smith Fellowship
Title: Perceptions on digital game and sensor-based interventions for heart failure self-management using a low-fidelity prototype.
Total Costs: \$800. % Effort: 5% In-Kind

NA. Radhakrishnan, K. (PI). 06/2016 - 05/2017
Title: Community-based game intervention to improve South Asian Indians' engagement with advanced care planning: A pilot feasibility study.
Funded: The University of Texas at Austin School of Nursing and St. David's Center for Health Promotion Research Pilot Grant
Total Costs: \$19,637.

NA. Radhakrishnan, K. (PI). 06/2015 – 08/2015
Title: Features of digital health games that engage and motivate behavior change in older adults.
Funded: The University of Texas at Austin Summer Research Assistance
Total Costs: \$18,000.

2015-2016 Radhakrishnan, K. (PI). 06/2015 – 05/2016
Title: Advanced care planning by South Asian Indians.
Funding Agency: Sigma Theta Tau International/Hospice and Palliative Nurses Foundation End of Life Nursing Care Research Grant
Total Costs: \$10,000

NA Radhakrishnan, K. (PI). 03/2014 – 02/2015
Title: Visualization of knowledge, behavior and outcome status of home health patients with chronic diseases.
Funding Agency: The University of Texas at Austin New Faculty Research Fund

P30NR015335-01 Kim (PI). 09/2014 – 03/2016
Title: Interactive digital e-health games for heart failure self-management for the Center for Transdisciplinary Collaborative Research in Self-Management Science.
Funding Agency: National Institutes of Nursing Research
Total Costs: \$40,000.
Role: PI of inaugural pilot project

NA. Radhakrishnan, K. (PI). 01/2013 – 06/2014
Title: Sustainability of telehealth use in home health agencies: A qualitative study.
Funding Agency: The University of Texas at Austin New Faculty Research Fund
Total Cost: \$1,573.

NA. Radhakrishnan, K. (PI). 01/2011 – 08/2011
Title: Characteristics of patients on telehealth that influence their heart failure outcomes in the

home health setting.

Funding Agency: Sigma Theta Tau - Beta Zeta Chapter Dissertation Award.

Total Cost: \$520.00.

NA. Radhakrishnan, K. (PI). 06/2005 – 05/2006

Title: The effects of human patient simulator practice on clinical performance of nursing students: A pilot study.

Funding Agency: Commonwealth Honors College at The University of Massachusetts, Amherst MA

Total Cost: \$320.00.

Co-Principal Investigator

Hernandez / Radhakrishnan (PI) 04/01/2023 – 03/31/2025

Title: A culturally adapted sensor controlled digital game to improve self-management behaviors among Spanish speakers with heart failure

Funding Agency: The University of Texas at Austin School of Nursing and St. David's Center for Health Promotion Research Pilot Grant

Total Cost: \$25,000

NA. Radhakrishnan (Co-PI) 01/2020 – 12/2021

Title: Health Information Search Behavior as a Manifestation of Cognitive Impairment: An Eye-Tracking Study.

Funding Agency: The University of Texas Austin APX Initiative.

Total Cost: \$100,000

Co-Investigator

Crawford, A.D. (PI) October 2024 – October 2025

Funder: Institute for Integration of Medicine & Science CTSA Pilot

Title: Testing JUN to manage pregnant women's self-efficacy

Total Costs: \$50,000 (Across 1 year)

R01AG051588 Richards, K. (PI). 09/2020 – 08/2021

Title: Nighttime Agitation and Restless Legs Syndrome in Older Adults with Alzheimer's Disease (NightRest COVID19 supplement).

Funding Agency: National Institute of Aging

Total Cost: \$196,162.

NA. Barbour, J. (PI). 01/2020 – 06/2020

Title: Data-Driven Tailoring in Health Message Design: Does Tailoring Provoke Reactance for those with Privacy Concerns.

Funding Agency: The University of Texas Austin, Humanities Institute Health Privacy Award.

Total Cost: \$17,500

NA Revilla, L. and Lagnon, R. (PI). 09/2014 - 03/2016

Title: Interactive anatomic system dashboard

Funded: The University of Texas at Austin Longhorn Innovation Fund for Technology (LIFT)

Total Costs: \$119,000.

NA Lam, F (PI). 01/2015 - 12/2016

Title: Integrating anatomic dashboard with program-based learning

Funded: The University of Texas Kenneth I. Shine Academy of Health Science Education Small Grants Program.

Total Costs: \$4,955.

5R18 DK08936-06 Kim, M. (PI). 06/2014 – 05/2015

Title: Diabetes in Korean Americans

Funding Agency: National Institutes of Diabetes, Digestive and Kidney Disorders.

NA. Topaz, M. (PI). 09/2012 – 08/2013

Title: Exploration of homecare agency admission process for older adults: A qualitative pilot study.

Funding Agency: Frank Morgan Jones Fund, University of Pennsylvania Center for Integrative Science of Aging (CISA) Awards.

Total Cost: \$4,634.

Role: Co-Investigator.

NA. Topaz, M. (PI). 09/2012 – 08/2013

Title: Translation of heart failure clinical practice guidelines for home health electronic health record using standardized terminology.

Funding Agency: University of Pennsylvania Faculty Senate Research Committee Pilot Awards.

Total Cost: \$3000.

Role: Co-Investigator.

T32 NR009356. Naylor (PI). 09/2011 – 08/2012

Title: Association of telehealth alerts and patient characteristics with key medical events and follow-up care received by heart failure home health patients for The Training Program in Individualized Care for At Risk Older Adults

Funding Agency: National Institutes of Nursing Research

Total Cost: \$38,022

CONSULTANT

NA Lin (PI). 01/21 – 08/21

Title: Innovative Medication Teaching with Cognitive Load Learning Theory

Funding Agency: Texas Organization of Nurse Leadership (TONL) EBP Grant

Role: Consultant

Total Cost: \$1,500.

NA Lin (PI). 04/22 – 03/23

Title: Person-centered medication teaching among people with Limited-English-Proficiency: A Pilot Feasibility Study

Funding Agency: The University of Texas at Austin School of Nursing and St. David's Center for Health Promotion Research Pilot Grant

Role: Consultant
Total Cost: \$ 24,650

PUBLICATIONS

Refereed Articles (published or “in press”) (* - Graduate Student involvement; @ - Undergraduate student involvement)

Total # of citations (as of Apr 2026): **2321**(Source: Google Scholar)

H-index (n # of papers cited at least n # of times): **27** (Source: Google Scholar)

i-10 index (# of papers cited at least 10 times): **46** (Source: Google Scholar)

66. Tunis, R.*, Clifford, N.*, West, E.*, Heitkemper E, Burgermaster M, **Radhakrishnan K** (In Press). Developing Psychosocial Phenotypes to Understand Engagement with Digital Health Technologies for Heart Failure. *Npj Digital Medicine*. IF: 15.1
65. **Radhakrishnan, K.**, Im, C.*, Brooks, J.L., Currin, G., Rangel, A., Julien, C., O’Hair, M., Liang, H., Lowe, J. (In Press). A sensor-controlled digital game-based approach to improve self-care behaviors among adults diagnosed with hypertension in a Native American community: study protocol for a randomized controlled trial. *Trials*. IF: 2.2
64. Clifford N.*, Tunis R.*, Ariyo A.*, Yu H.*, Rhee H, **Radhakrishnan K.** (2025) Trends and Gaps in Digital Precision Hypertension Management: Scoping Review. *Journal of Medical Internet Research*. 27, e59841. IF:5.8
63. Nnaka, T.*, Heitkemper, E., Hebert-Ansers, E., **Radhakrishnan, K.**, Kim, M. (2025) Assessing Daily Antihypertensive Medication Compliance Among Black Adults Using Smartphone-Based Ecological Momentary Assessment: A Feasibility study. *Computers, Informatics and Nursing*. doi: 10.1097/CIN.0000000000001219. IF: 1.9
62. Crawford, A. D., Slavin, R., Tabar, M., **Radhakrishnan, K.**, Wang, M., Estrada, A., & McGrath, J. M. (2024). Methodological approaches in developing and implementing digital health interventions amongst underserved women. *Public health nursing (Boston, Mass.)*, 10.1111/phn.13410. Advance online publication. <https://doi.org/10.1111/phn.1341061>. IF: 1.3
61. Tunis, R.*, West, E.*, Clifford, N.*, Horner, S., & **Radhakrishnan, K.** (2024). Leveraging digital health technologies in heart failure self-care interventions to improve health equity. *Nursing Outlook*, 72(5), 102225. Advance online publication. <https://doi.org/10.1016/j.outlook.2024.102225> IF: 3.7
60. Andrabi, M., Key, B., Francisco, M., Jeremiah, M., Mumba, M., **Radhakrishnan, K.**, & Ball, K. (2024). A quantitative study to assess cardiovascular risks among older African American women living in rural black belt areas of Alabama. *Public health nursing (Boston, Mass.)*, 41(5), 979–986. <https://doi.org/10.1111/phn.13370>. IF: 1.3

59. Baranowski, T., O'Connor, T. M., Jimenez-Garcia, J. A., **Radhakrishnan, K.**, Arrendondo, E. M., & Thompson, D. (2024). Social marketing and the challenges of participant recruitment. *Translational behavioral medicine*, 14(8), 499–504.
<https://doi.org/10.1093/tbm/ibae028> IF: 3.0
58. Britt, K. C.*, Richards, K. C., Hamilton, J., & **Radhakrishnan, K.** (2024). Symptoms of dementia progression in cognitive impairment: the role of religious and spiritual activity. *Journal of Spirituality in Mental Health*, 1–20.
<https://doi.org/10.1080/19349637.2024.2357311> IF: 0.7
57. Britt, K. C.*, Richards, K. C., Acton, G., **Radhakrishnan, K.**, & Hamilton, J. (2023). Impact of Religious and Spiritual Activity on Risk of Dementia and Cognitive Impairment with Differences across Race/Ethnicity and Sex. *Journal of Articles in Support of the Null Hypothesis*, 20(1), 19-.
56. **Radhakrishnan, K.**, Julien, C., O'Hair, M., Tunis, R.*, Lee, G.*, Rangel, A., Custer, J., Baranowski, T., Rathouz, P.J., Kim, M.T. (2023) Sensor-Controlled Digital Game for Heart Failure Self-management: Protocol for a Randomized Controlled Trial. *JMIR Research Protocols*;12:e45801. <https://doi.org/10.2196/45801> IF 1.7
55. Britt, K.C.*, Richards, K.C., Acton, G., Hamilton, J., **Radhakrishnan, K.** (2023). Association of Religious Service Attendance and Neuropsychiatric Symptoms, Cognitive Function, and Sleep Disturbances in All-Cause Dementia. *International Journal of Environmental Research and Public Health*, 20(5). 4300.
<https://doi.org/10.3390/ijerph20054300> IF 4.614
54. Britt, K.C*, Richards, K.C., **Radhakrishnan, K.**, Vanags-Louredo, A@, Park E@, Gooneratne, N.S., Fry L. Religion, Spirituality, and Coping During the Pandemic: Perspectives of Dementia Caregivers (2023). *Clinical Nursing Research*, 32(1):94-104. <https://doi.org/10.1177/10547738221115239>. IF 1.724
53. Kim M.T., Murry, N., Hecht, J., Hutson, T.,* Nnaka, T.,* Ewere, T., Heitkemper, E., Hebert, E., **Radhakrishnan, K.** and Stuijbergen, A. (2022). Patterns and Correlates of Physical Symptoms among People with Peripheral Neuropathy. *Journal of Neurological Disorders*, 10 (11). IF 3.6
52. Britt, K.C.*, Richards, K.C., Acton, G., Hamilton J, **Radhakrishnan K.** (2022). Older Adults with Dementia: Association of Prayer with Neuropsychiatric Symptoms, Cognitive Function, and Sleep Disturbances. *Religions*, 13(10), 973.
<https://doi.org/10.3390/rel13100973>. IF 0.34
51. Kim, M. T., Heitkemper, E. M., Hébert, E. T., Hecht, J., Crawford, A., Nnaka, T.*, Hutson, T.* S., Rhee, H., & **Radhakrishnan, K.** (2022). Redesigning culturally tailored intervention in the precision health era: Self-management science context. *Nursing outlook*, 70(5):710-724. IF 3.315

50. Britt, K. C.*, Richards, K. C., **Radhakrishnan, K.**, Vanags-Louredo, A. @, Park, E. @, Gooneratne, N. S., & Fry, L. (2023). Religion, Spirituality, and Coping During the Pandemic: Perspectives of Dementia Caregivers. *Clinical nursing research*, 32(1), 94–104. <https://doi.org/10.1177/1054773822111523910547738221115239>. IF 1.724
49. Britt, K.C. *, Kwak, J., Acton, G., Richards, K., Hamilton, J., **Radhakrishnan, K.** Measures of Religion and Spirituality in Dementia: An Integrative Review. *Alzheimer's & Dementia: Translational Research and Clinical Interventions* 2022;8(1):e12352. IF 2.07
48. Richards, K. C., **Radhakrishnan, K.**, Britt, K. C. *, Vanags-Louredo, A. @, Park, E. @, Gooneratne, N. S., & Fry, L. (2022). "Please Don't Forget Us": A Descriptive Qualitative Study of Caregivers of Older Adults With Alzheimer's Disease and Related Dementias During the COVID-19 Pandemic. *Research in gerontological nursing*, 15(5), 217–228. <https://doi.org/10.3928/19404921-20220829-01>. IF 1.643
47. Basri, T. @, **Radhakrishnan, K.**, & Rolin, D. (2022). Barriers to and Facilitators of Mental Health Help-Seeking Behaviors Among South Asian American College Students. *Journal of psychosocial nursing and mental health services*, 60(7), 32–38. <https://doi.org/10.3928/02793695-20211215-01>
46. Jilapalli, R. *, & **Radhakrishnan, K.** (2022). Cervical Cancer Screening Behaviors Among Asian Indians in the United States: A Systematic Review. *Journal of immigrant and minority health*, 24(3), 779–789. <https://doi.org/10.1007/s10903-021-01237-0>
45. **Radhakrishnan, K.**, Julien, C., Baranowski, T., O'Hair, M., Lee, G. *, Sagna De Main, A. *, Allen, C. *, Viswanathan, B., Thomaz, E., & Kim, M. (2021). Feasibility of a Sensor-Controlled Digital Game for Heart Failure Self-management: Randomized Controlled Trial. *JMIR serious games*, 9(4), e29044. <https://doi.org/10.2196/29044>
44. **Radhakrishnan, K.**, Allen, C. *, DeMain, A. S. *, & Park, L. (2021). Impact of COVID-19 on Heart Failure Self-Care: A Qualitative Study. *The Journal of cardiovascular nursing*, 36(6), 609–617. <https://doi.org/10.1097/JCN.0000000000000794>
43. Kim, M. T., **Radhakrishnan, K.**, Heitkemper, E. M., Choi, E. *, & Burgermaster, M. (2021). Psychosocial phenotyping as a personalization strategy for chronic disease self-management interventions.* *American journal of translational research*, 13(3), 1617–1635.
42. **Radhakrishnan K**, Julien C, Baranowski T., O'Hair, M., Sagna, A. *, Allen, C. *, Lee, G. *, Kim, M. (2020) Usability testing of a sensor-controlled digital game to engage older adults with heart failure in physical activity and weight monitoring.* *Applied Clinical Informatics*;11(5):873-881. doi:10.1055/s-0040-1721399
41. Danesh, V., Zuñiga, J. A., Timmerman, G. M., **Radhakrishnan, K.**, Cuevas, H. E., Young,

- C., Henneghan, A. M., Morrison, J., & Kim, M. T. (2021). Lessons learned from eight teams: The value of pilot and feasibility studies in self-management science. *Applied nursing research : ANR*, 57, 151345. <https://doi.org/10.1016/j.apnr.2020.151345>
40. Zhang, W.*, **Radhakrishnan, K.**, Becker, H., Acton, G. J., & Holahan, C. K. (2021). Self-Regulation Strategies Among Community-Dwelling People Aging With Arthritis and Multimorbidity.* *Journal of gerontological nursing*, 47(1), 35–45. <https://doi.org/10.3928/00989134-20201209-03>
 39. **Radhakrishnan, K.**, Kim, M. T., Burgermaster, M., Brown, R. A., Xie, B., Bray, M. S., & Fournier, C. A.* (2020). The potential of digital phenotyping to advance the contributions of mobile health to self-management science.* *Nursing outlook*, 68(5), 548–559. <https://doi.org/10.1016/j.outlook.2020.03.007>
 38. Zhang, W.*, **Radhakrishnan, K.**, Becker, H., Acton, G., Holahan, C. (2020). Self-Regulation Strategies as Predictors: Managing Multi-Morbidities among Community-Dwelling People Aging with Arthritis. *Western Journal of Nursing Research*, 42(9):698-707. doi: 10.1177/0193945919893679
 37. **Radhakrishnan, K.**, Baranowski, T., O'Hair, M., Fournier, C. A.*, Spranger, C. B., & Kim, M. T. (2020). Personalizing Sensor-Controlled Digital Gaming to Self-Management Needs of Older Adults with Heart Failure: A Qualitative Study. *Games for health journal*, 9(4), 304–310. <https://doi.org/10.1089/g4h.2019.0222>
 36. **Kim, M. T.**, Kim, K. B., Ko, J.S., Murry, N.*, Xie B., & Radhakrishnan, K. (2020) Health Literacy and Outcomes of a Community-based Self-Help Intervention: A Case of Korean Americans with Type 2 Diabetes. *Nursing Research*, 69(3):210-218. DOI: [10.1097/nnr.0000000000000409](https://doi.org/10.1097/nnr.0000000000000409)
 35. Geshell, L.*, Kwak, J., and **Radhakrishnan, K.** (2019). Perspectives and experiences of persons with dementia with advance care planning: Literature review. *Journal of Geriatric Psychiatry and Neurology*, 32(5):231-245. doi: 10.1177/0891988719853040
 34. Calser, T.*, **Radhakrishnan, K.**, Gillam, S. (2020). Improving the Graduate Nurse Experience through Support on a Social Media Platform. *MedSurg Nursing Journal*, 29(2): 83-7.
 33. **Radhakrishnan, K.**, Baranowski, T., Julien, C., Thomaz, E., & Kim, M. (2018). Role of digital games in self-management of cardiovascular diseases: A scoping review. *Games for Health Journal*. 8(2):65-73. (Sep 9, e-pub doi: 10.1089/g4h.2018.0011). Impact Factor: 2.02
 32. Schnur, K. @, & **Radhakrishnan, K.** (2019). Young adult readiness to engage in advance care planning. *The Journal of Hospice and Palliative Nursing*. 21(1): 54-60. doi: 10.1097/NJH.0000000000000487

31. Bose, E., & **Radhakrishnan, K.** (2018). Using unsupervised machine learning to identify subgroups among home health heart failure patients using telehealth. *Computers, Informatics & Nursing*. 36(5):242-248. doi: 10.1097/CIN.0000000000000423 Impact Factor: 1.3
30. Zhang, W.*, & **Radhakrishnan, K.** (2018). Evidence on selection, optimization and compensation strategies to optimize aging with multiple chronic conditions: A literature review. *Geriatric Nursing*, S0197-4572(18), 30080-6. doi: 10.1016/j.gerinurse.2018.02.013 Impact Factor: 0.88
29. **Radhakrishnan, K.**, Jilapalli, R.*, Saxena, S.*, Jang, Y., & Kim, M. (2017). Barriers to and facilitators of South Asian Indian-Americans' engagement in advanced care planning behaviors. *Journal of Nursing Scholarship*, 49(3), 294-302. Impact Factor: 2.4
28. **Radhakrishnan, K.**, van Scoy, L., Jilapalli, R.*, Saxena, S.*, & Kim, M. (2017). Community-based game intervention to improve South Asian Indian Americans' engagement with advanced care planning. *Ethnicity and Health journal*. Jul 27:1-19. doi: 10.1080/13557858.2017.1357068. [Epub ahead of print]. Impact Factor: 2.1
27. Schwamm, L. H., Chumbler, N., Brown, E., Fonorow, G., Berube, D. Nystrom, K., Suter, R., Zavala, M., Polsky, D., **Radhakrishnan, K.**, Lacktman, N., Horton, K., Malcarney, M., Halamka, J., Tiner, C.; on behalf of the American Heart Association Advocacy Coordinating Committee. (2017). Recommendations for the implementation of telehealth in cardiovascular and stroke care: A policy statement from the American Heart Association. *American Heart Association Statements Journal*. doi: <https://doi.org/10.1161/CIR.0000000000000475> Impact Factor: 19.3
26. Chen, H. F., Homan, S., Carlson, E., Popoola, T., & **Radhakrishnan, K.** (2016). The impact of race and neighborhood racial composition on preventable readmissions for diabetic Medicare home health beneficiaries. *Journal of Racial and Ethnic Health Disparities*. EPublication August 11. doi: 10.1007/s40615-016-0268-2 Impact Factor: 0.12
25. Jang, Y., Park, N. S., Chiriboga, D., **Radhakrishnan, K.**, & Kim, M. T. (2016). The knowing-doing gap in advance directives in Asian Americans: The role of education and acculturation. *American Journal of Hospice and Palliative Medicine*. doi: 10.1177/1049909116668518. [Epub ahead of print] Impact Factor: 1.3
24. **Radhakrishnan, K.**, Martin, K., Johnson, K., & Garcia, A. (2016). Effective teaching-learning strategies for Omaha System. *Home Healthcare Now Journal*, 34(2), 86-92. doi: 10.1097/NHH.0000000000000335. Impact Factor: Nil
23. **Radhakrishnan, K.**, Monsen, K., Bae, S., & Zhang, W.* (2016). Visual analytics for pattern discovery in home care. *Applied Clinical Informatics*, 7, 711-30. doi: <http://dx.doi.org/10.4338/ACI-2016-03-RA-0049>. Impact Factor: 1.5

22. **Radhakrishnan, K.**, Toprac, P., O'Hair, M., Bias, R., Mackert, M., Kim, M., Bradley, P.* (2016). Perceptions of older adults with heart failure on playing an interactive digital e-health game (IDEG) for learning about heart failure (HF): Prototype development and usability testing. *Studies in Health Technology and Informatics*, 225, 1026-7. Impact Factor: Not Available
21. **Radhakrishnan, K.**, Toprac, P., O'Hair, M., Bradley, P.*, Bias, R., Kim, M., & Mackert, M. (2016). Interactive digital e-health game for heart failure self-management: A feasibility study. *Games for Health Journal*, 5(6), 366-374. doi: 10.1089/g4h.2016.0038. Impact Factor: 2.02
20. Sockolow, P., **Radhakrishnan, K.**, & Chou, E. (2016). Patient health goals elicited during home care admission: A categorization. *Western Journal of Nursing Research*. pii: 0193945916676541. [Epub ahead of print] Impact Factor: 1.3
19. Topaz, M.,* **Radhakrishnan, K.**, Blakley, S., Lei, V., Lai, K., & Zhou, L. (2016). Studying associations between heart failure self-management and rehospitalizations using natural language processing. *Western Journal of Nursing Research*, pii: 0193945916668493. [Epub ahead of print] Impact Factor: 1.3
18. Topaz, M.,* **Radhakrishnan, K.**, Lei, V., Zhou, L. (2016). Mining clinicians' electronic documentation to identify heart failure patients with ineffective self-management: A text-mining study with large validation cohort. *Studies in Health Technology and Informatics*, 225, 856-7. Impact Factor: Not Available
17. Chen, H., Suzuki, S., **Radhakrishnan, K.**, Popoola, T., & Homan, S. (2015). Improving diabetic patient transition to homecare: Leading risk factors for readmission. *American Journal of Managed Care*, 21(6), 440-450. Impact Factor: 2.7
16. **Radhakrishnan, K.**, Jones, T., Weems, D., Knight, T., & Rice, W. (2015). Seamless transitions: Achieving patient safety through communication and collaboration. *Journal of Patient Safety* doi: 10.1097/PTS.0000000000000168 [E-publication ahead of print, March 2015]. Impact Factor: 2.5
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14. **Radhakrishnan, K.**, Xie, B., & Jacelon, C. S. (2015). Unsustainable home telehealth program: A Texas qualitative study. *The Gerontologist*. doi: 10.1093/geront/gnv050 [E-publication ahead of print, April 2015] Impact Factor: 3.2
13. **Radhakrishnan, K.**, Bowles, K., Hanlon, A., Topaz, M.*, & Chittams, J. (2013). A retrospective study on patient characteristics and telehealth alerts indicative of key

- medical events for heart failure (HF) patients at a home health agency. *Telemedicine and E-health Journal*, 19(9), 664-70. doi: 10.1089/tmj.2012.0307 Impact Factor: 2.0
12. **Radhakrishnan, K.**, Bowles, K., & Zettek-Sumner, A. (2013). Contributors to telehealth false alerts for patients with heart failure: A mixed methods exploration. *Applied Clinical Informatics*; 4(4), 465-75. doi: <http://dx.doi.org/10.4338/ACI-2013-06-RA-0039> Impact Factor: 1.5
 11. **Radhakrishnan, K.**, Jacelon, C., Bigelow, C., Roche, J., Marquard, J., & Bowles, K. (2013). Use of homecare EHR to identify associations between patient characteristics and hospitalizations for heart failure patients using telehealth services. *Journal of Telemedicine and Telecare*, 19(2), 107-112. doi:10.1258/jtt.2012.120509. Impact Factor: 2.0
 10. **Radhakrishnan, K.**, Jacelon, C., Bigelow, C., Roche, J., Marquard, J., & Bowles, K. (2013). Association of co-morbidities with homecare nursing utilization and withdrawal from telehealth by patients with heart failure. *Journal of Cardiovascular Nursing*, 28(3), 216-27. doi:10.1097/JCN.0b013e3182512331 Impact Factor: 2.1
 9. **Radhakrishnan, K.**, Topaz, M.*, & Masterson-Creber, R.* (2013). Adapting heart failure guidelines for nursing care in home health settings: Challenges and solutions. *Journal of Cardiovascular Nursing*, 29(4), E1-8. doi: 10.1097/JCN.0000000000000091. Impact Factor: 2.1
 8. **Radhakrishnan, K.** (2012). The efficacy of tailored interventions for self-management outcomes of type 2 diabetes, hypertension or heart disease: Quantitative systematic review. *Journal of Advanced Nursing*, 68(3), 496-510. doi: 10.1111/j.1365-2648.2011. Impact Factor: 2
 7. **Radhakrishnan, K.**, & Bowles, K. H. (2012). Role of heart failure (HF) patient characteristics on telehealth alert generation. *Annals of Behavioral Medicine*, 45(Issue suppl_2), s13. Impact Factor: 2.98
 6. **Radhakrishnan, K.**, Jacelon, C., & Roche, J. (2012). Perceptions on the use of telehealth for heart failure by homecare nurses and patients: A mixed method study. *Home Healthcare Management & Practice*, 24(4), 175-81. doi: 10.1177/1084822311428335. Impact Factors: Nil
 5. **Radhakrishnan, K.**, & Jacelon, C. (2011). Impact of telehealth on patient self-management of heart failure: A review of literature. *Journal of Cardiovascular Nursing*, 27(1), 33-43. Impact Factor: 2.1
 4. **Radhakrishnan, K.**, Jacelon, C., Roche, J., Thomas, M. (2011). Barriers and facilitators for the use of telehealth for heart failure by homecare nurses and patients with HF. *Telemedicine and e-Health*, 17(4), A-1-A-122. Impact Factor: 2.0

3. **Radhakrishnan, K.**, & Jacelon, C. (2009). Synthesis of literature on technology strategies for chronic disease management post disasters. *Journal of Nursing Healthcare & Chronic Illness*, 1(4), 294-302. doi: 10.1111/j.1752-9824.2009.01033.x. Impact Factor: Nil
2. **Radhakrishnan, K.** (2008). Technology and caring: Finding common ground for nursing practice. *The International Journal of Technology Knowledge and Society*, 4(5), 27-32. Impact Factor: Nil
1. **Radhakrishnan, K.**, Roche, J. P., & Cunningham, H. (2007). Measuring clinical practice parameters with human patient simulation: A pilot study. *International Journal of Nursing Education Scholarship*, 4(1), Article 8. Featured Article. Impact Factor: 0.6

PUBLICATIONS - Articles in Review

1. Clifford, N., Kesler, S., Garcia, A., Radhakrishnan, K. Psychosocial-Behavioral Phenotypes of Digital Health Intervention Engagement and Longitudinal Heart Failure Health Outcomes. *Annals of Behavioral Medicine*
2. Im, C.,* Brooks, J.L., Currin, G.F., O'Hair, M., Locklear, M., McLean, P., Oxendine, J., Strickland, J., Strickland, T., Radhakrishnan, K. Community-Based Participatory Research (CBPR) to Culturally Adapting a Digital Health Intervention for Hypertension (HTN) Management in a Native American (NA) Tribe. *Progress in Community Health Journal*.
3. Barbour, J. B., Ratcliff, C. L., Table, B., Brown, V. A., Donovan, E. E., McGlone, M. S., Radhakrishnan, K. (under review). Data-driven tailoring in health communication. *Communication*.

OTHER PUBLICATIONS – Published Conference Proceedings

5. West, E.,* Rangel, A., Zeng, J., Im, C.,* Shah, F.,@ **Radhakrishnan, K.** (2025). Recruitment, Retention, and Participant Diversity in the Context of a Heart Failure Self-Care Digital Intervention Decentralized Clinical Trial. American Medical Informatics Association 2025 Annual Conference Proceedings. IF 4.6
4. Tunis, R.*, Baranowski, T., Rangel, A., Custer, J., Thomaz, E., Rathouz, P., Bartroff, J., Julien, C., Lee, G.*, O'Hair, M., Kim, M., **Radhakrishnan, K.** (2024). A Decentralized Clinical Trial of a Digital Intervention with Multiple Health Trackers for Heart Failure: Early Learnings and Practical Considerations. In: Salvi, D., Van Gorp, P., Shah, S.A. (eds) *Pervasive Computing Technologies for Healthcare. PH 2023. Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering*, vol 572. Springer, Cham. https://doi.org/10.1007/978-3-031-59717-6_15.
3. **Radhakrishnan, K.**, Julien, C., O'Hair, M., Lee, G.*, Sagna DeMain, A.*, Leggio, K.*, Hébert, E. and Baranowski, T. (2022). A Sensor-Controlled Digital Game for Heart Failure Self-Care Based on Behavioral Change Frameworks. *2022 IEEE 10th*

International Conference on Serious Games and Applications for Health (SeGAH), Sydney, Australia, 2022, pp. 1-6, doi: 10.1109/SEGAH54908.2022.9978594.

2. Topaz, M., Shalom, E., Masterson-Creber, R.*, **Radhakrishnan, K.**, & Bowles K. H. (2013). Developing nursing computer interpretable guidelines: A feasibility study of heart failure guidelines in homecare. *American Medical Informatics Association (AMIA) 2013 Annual Conference Proceedings*, 1353–1361.
1. Zayas-Caban, T., Marquard, J., **Radhakrishnan, K.**, Duffey, N., & Evernden, D. (2009). Scenario-based user testing to guide consumer health informatics design. *Journal of American Medical Informatics Association (AMIA) 2009 Conference Proceedings*, 719-23.

OTHER PUBLICATIONS - Invited Articles

1. Topaz, M.*, **Radhakrishnan, K.**, Masterson, R., & Bowles, K. (2012). Putting evidence to work: Using standardized terminologies to incorporate clinical practice guidelines within homecare electronic health records. *Online Journal of Nursing Informatics*, 16(2). Available at <http://ojni.org/issues/?p=1694>

OTHER PUBLICATIONS – Book Chapters

1. Gwizdka, J., Tessmer, R.*, Chan, Y.-C.*, **Radhakrishnan, K.**, & Henry, M. (2022). Eye-gaze and mouse-movements on web search as indicators of cognitive impairment. In F. D. Davis, R. Riedl, J. vom Brocke, P.-M. Léger, A. B. Randolph, & G. Müller-Putz (Eds.), *Information Systems and Neuroscience*. Springer International Publishing.

OTHER PUBLICATIONS - Non-Refereed Publications

Radhakrishnan, K. (2011). *Characteristics of patients on telehealth that influence their heart failure outcomes in the home health setting* [Doctoral Dissertation]. The University of Massachusetts at Amherst. UMI Dissertations Publishing. Publication no. AAI3482721.

PRESENTATIONS

PRESENTATIONS – Podium International Conferences

8. **Radhakrishnan, K.** Adaptations of Digital Interventions for cardiac self-care in underserved populations. 36th International Nursing Research Congress, Seattle, US.
7. Lin, L.C., Betts, K., Redondo, C.N., Chee, A., Hernandez, A., **Radhakrishnan, K.** (2024). Determining barriers and facilitators to medication adherence within a limited English proficiency (LEP) population. Pecha Kucha presentation. 35th International Nursing Research Congress, Singapore.

6. **Radhakrishnan, K.**, Kelley, M., Brooks, J., Lowe, J. (2023). A culturally adapted digital game to improve hypertension self-care for American Indians. International Council of Nurses 2023 Congress, Montreal, Canada.
5. # Britt, K.C., * Richards, K.C., Kesler, S. R., Acton, G., Hamilton, J., & **Radhakrishnan, K.** The Association of Private Prayer with Neuropsychiatric Symptoms, Cognition, and Sleep Disturbances in Persons with Dementia. Hospice & Palliative Care Annual Assembly, March 2023. Montreal, Canada. *Journal of Pain and Symptom Management* 65 (5), e670.
4. **Radhakrishnan, K.**, Julien, C., O’Hair, M., Lee, G., * Sagna DeMain,A., * Leggio, K., * Hébert, E. and Baranowski, T. (2022). A Sensor-Controlled Digital Game for Heart Failure Self-Care Based on Behavioral Change Frameworks. Institute of Electronic and Electrical Engineers (IEEE) 2022 Serious Games and Applications for Health 2022 Annual Conference Proceedings, Sydney Australia.
3. Gwizdka, J., Tessmer, R., * Chan, Y-C., * **Radhakrishnan, K.**, Henry, M. (2022). “Eye-gaze and mouse-movements on web search as indicators of cognitive impairment”. NeuroIS’ 2022, Vienna, Austria.
2. Helleso, R., Bowles, K., **Radhakrishnan, K.**, & Sockolow, P. "Information Challenges in Patient Transition." Oral presentation at Nursing Informatics Conference, Geneva, Switzerland, 2016.
1. Helleso, R., Sockolow, P., **Radhakrishnan, K.**, & Cummings, E. "Interoperability of Home Health Care Information Across Care Settings: Challenges of Flow from Hospital to Home." Panel on Socio-Organizational Impact, Quality Assessment and Improvement for the MedInfo 2015 Conference, São Paulo, Brazil, 2015.

National Conferences

11. Clifford, N.,* Tunis, R.,* Zeng, J., Lee, G., Heitkemper, E., **Radhakrishnan, K.**
Psychosocial-
Behavioral Personas of Self-Care Technology Use and Their Associations with Heart Failure Outcomes. *Society of Behavioral Medicine 47th Annual Meeting*. Chicago, IL.
10. **Radhakrishnan, K.**, Clifford, N.*, Zeng, J., Bartroff, J., Lee, G., Tunis, R.,* Julien, C., O’Hair, M., Baranowski, T. (2025) Comparable Improvement of a Sensor-Controlled Digital Game Intervention and a Sensor-Based Control on Self-Care and Outcomes in Older Adults with Heart Failure: A Randomized Controlled Trial. 2025 American Heart Association Annual Meeting, New Orleans, LA.
9. Sagna, A.*, Leggio, K.*, Asim, H. @, **Radhakrishnan, K.** (2022) Behavioral Mechanisms Of A Sensor-Controlled Digital Game That Motivates Self-Management Behaviors By Older Adults With Heart Failure. Heart Failure Society of America (HFSA) Annual Scientific Meeting, Denver, CO, United States. (Nominated for New Investigator Research Award. Abstract published in *Journal of Cardiac Failure*; 28(5), S4-5.

8. **Radhakrishnan, K.**, Julien, C., O'Hair, M., Lee, G., * Sagna, A.*, Fournier, C., * Baranowski, T., Thomaz, E. & Kim, M. T. (2021) Remote delivery of sensor-based digital interventions for heart failure self-management behaviors. Society of Behavioral Medicine 42nd Annual Meeting and Scientific Session (Virtual Podium). Abstract published in *Annals of Behavioral Medicine*.
7. **Radhakrishnan, K.**, Julien, C., O'Hair, M., Lee, G., * Sagna, A.*, Fournier, C., * Baranowski, T., Thomaz, E. & Kim, M. T. (2021) Sensor-controlled Digital Game May Improve Weight Monitoring Among Older Adults With Heart Failure. American Heart Association Annual Scientific Session (Virtual Presentation). Abstract published in *Circulation*; 142:A13122, https://doi.org/10.1161/circ.142.suppl_3.13122.
6. Jillapalli, R.*, **Radhakrishnan, K.**, Walker, L., Champion, J., McGlone, M. (2021) An Ethnographic Study Exploring the Cultural Beliefs Influencing Cervical Cancer Screening Behaviors among Asian Indian Women in the United States. 46th Oncology Nursing Society Annual Conference (2021 – Virtual Podium)
5. Britt, K.C.*, **Radhakrishnan, K.**, Richards, K.C., *Impact of COVID-19 Social Distancing on Older Adults with Dementia*. NIA 2020 Sleep and Aging Conference. November 2020. Philadelphia, PA.
4. **Radhakrishnan, K.** & Baranowski, T., O'Hair, M. "Role of gaming and sensors for heart failure self-management by older adults living in their homes." Home Healthcare and Hospice Information Technology Conference, Grapevine, TX, 2018.
3. **Radhakrishnan, K.**, & Kim, M. "Lessons Learnt from a Digital Game Intervention for Heart Failure: Implications for Precision Medicine." National Institute of Nursing Research Center Director's Meeting, Washington, DC, 2018.
2. **Radhakrishnan, K.**, Xie, B., & Berkley, A.* "Sustainability of Home Telehealth Programs: A Systematic Review for the Home Healthcare and Hospice Information Technology (H3IT) Conference." Washington, DC, 2014.
1. **Radhakrishnan, K.**, Bowles, K., Hanlon, A., Topaz, M.* "Association of Patient Characteristics and Telehealth Alerts with Key Medical Events Experienced by Patients with Heart Failure (HF) in Homecare." The American Medical Informatics Association 2012 Annual Symposium, Chicago, IL, 2012.

Regional Conferences

3. Cervantes, D., Hecht, J., **Radhakrishnan, K.** (2025) Returning to Basics: Forming Supportive Networking Collaboratives for Infection Prevention and Control in LTC Facilities. 2025 QMP Quality in Long-Term Care Conference.
2. **Radhakrishnan, K.** "Characteristics of Patients on Telehealth That Influence Their Heart Failure Outcomes in the Home-Care Setting." The Eastern Nursing Research Society 2012 Annual Scientific Session, New Haven, CT, 2012.

1. **Radhakrishnan, K.** "Facilitators and Barriers to the Use of Telehealth by Homecare Nurses and Patients with Heart Failure: A Mixed Method Study." The Eastern Nursing Research Society 2012 Annual Scientific Session, New Haven, CT, 2012.

PRESENTATIONS - Poster

International Conferences

3. Yi, S., Nguyen, J., Lim, T., Well, A., Skrovan, J., Beri, M., Lee, Y., **Radhakrishnan, K.**, Leqi, L., Markey, M., & Ding, Y. (2025, December 6). *Thematic analysis of unstructured clinical transcripts with large language models*. In *Proceedings of the Second Workshop on GenAI for Health: Potential, Trust, and Policy Compliance (GenAI4Health 2025)*. San Diego, CA, United States.
2. **Radhakrishnan, K.**, Julien, C., Baranowski, T., Kim, M., Tunis, R., * O'Hair, M., Rathouz, P. (2023) Sensor-controlled digital game for heart failure self-management: Protocol Design of a Randomized Controlled Trial. International Council of Nurses 2023 Congress, Montreal, Canada.
1. **Radhakrishnan, K.**, Brooks, J., Kelley, M., O'Hair, M., Currin, G., Rangel, A., Lowe, J. Cultural Adaptation of a Digital Health Tool to Improve Hypertension Self-Care for American Indians. 3rd International Indigenous Nursing Research 2022 Summit., "Honoring Our Past, Present, and Future." Austin, TX.

National Conferences

29. Clifford, N., Lee, G., Radhakrishnan, K. "Digital Engagement Patterns for Heart Failure: Insights from Activity Tracker and Smart Scale Data from a Digital Health Study." Poster presentation at AMIA Annual Symposium 2025.
28. Tunis, R., Clifford, N., Kim, N., **Radhakrishnan, K.** "Assessing the Impact of Digital Health Intervention on Self-Efficacy in Heart Failure Patients". Poster presentation at AMIA Annual Symposium 2025.
27. **Radhakrishnan, K.**, Clifford, N., Lee, G., Kim, N., Tunis, R., Im, C., Baranowski, T., Zeng, J., Bartroff, J., Julien, C. "Policy Implications of Decentralized Digital Health Interventions for Facilitating Access to Self-Care Behaviors among Adults with Heart Failure." Council of Advancement of Nursing Science 2025.
26. Clifford, N., Kim, N., Tunis, R., Lee, G., O'Hair, M., **Radhakrishnan, K.** "Socio-demographic Influences on Digital Game Engagement and Self-Care in Adults with Heart Failure." Poster presentation at 36th International Nursing Research Congress. Seattle, WA. July 2025.
25. Im, C.*, Franco-Rocha, O.*, **Radhakrishnan, R.** (2024). Symptom Management and

Health Outcomes in Cardio-Oncology Patients: A Scoping Review. *National Comprehensive Cancer Network Conference 2024*.

24. Britt, K.C., * Richards, K.C., Kesler, S.C., Acton, G.C., Hamilton, J.B. and **Radhakrishnan, K.** “Association of Religious Attendance with Neuropsychiatric Symptoms, Cognition, and Sleep in Cognitive Impairment.” *Innovation in Aging*, 6(Suppl 1), 819. Gerontological Society of America (GSA) 2023 Annual Conference, Tampa, Florida.
23. Britt, K.C., * Richards, K.C., Kesler, S.C., Acton, G.C., Hamilton, J.B. and **Radhakrishnan, K.** (2022). The Association of Religious Attendance and Neuropsychiatric Symptoms, Cognition, and Sleep Disturbances in Dementia. *Alzheimer’s Association Annual Conference*. SanDiego, CA. *Alzheimer's & Dementia*, 18: e069422. <https://doi.org/10.1002/alz.069422>
22. Britt, K.C., * Richards, K.C., Kesler, S.C., Acton, G.C., Hamilton, J.B. and **Radhakrishnan, K.** Dementia Caregivers: The impact of social distancing on religious and spiritual practice and behavioral symptoms. (2023). *Innovation in Aging*, 6(Suppl 1), 530. Gerontological Society of America (GSA) 2023 Annual Conference, Tampa, Florida.
21. Zhang, W.* , **Radhakrishnan, K.**, Becker, H., Acton, G., Holahan, C. Self-Regulation Strategies in Managing Multi-Morbidities Among Community-Dwelling People Aging With Arthritis. Gerontological Society of America (GSA) 2019 Annual Conference, Austin TX
20. **Radhakrishnan, K.**, Julien, C., Lee, G.,* Baranowski, T., O'Hair, M., Fournier, C. A.,* Sagna, A.,* Thomaz, E. & Kim, M. T. Usability Assessment of a Sensor-Controlled Digital Game for Older Adults with Heart Failure. Gerontological Society of America (GSA) 2019 Annual Conference, Austin TX (Poster)
19. Lin, L. Liu, M. * **Radhakrishnan, K.** (2020). An Innovative Approach on Medication Teaching in a Rehabilitation Setting. Association of Rehabilitation Nursing Annual Conference.
18. **Radhakrishnan, K.**, Julien, C., Lee, G,* Baranowski, T., O'Hair, M., Fournier, C. A.,* Sagna, A.,* Thomaz, E. & Kim, M. T. (2020) Sensor-controlled Digital Game May Improve Weight Monitoring Among Older Adults With Heart Failure. American Heart Association 2020 Annual Conference.
17. Zhang, W.* , **Radhakrishnan, K.**, Becker, H., Acton, G., Holahan, C. Managing Multi-Morbidities among Community-Dwelling People Aging with Arthritis: Self-Regulation Strategies, the Associated Factors and Health Outcomes. 2019 American Public health Association, Philadelphia, PA.
16. **Radhakrishnan, K.**, Baranowski, T., Kim, M. “Personalizing self-management technology to life values of older adults with heart failure: a qualitative study.” National Hartford Center for Geriatric Excellence Annual Conference, Boston, MA, 2018.

15. Zhang, W.*, & **Radhakrishnan, K.** "Systematic Review: Optimizing Aging with Chronic Conditions." Poster presentation at the American Public Health Association (APHA) 2017 Annual Meeting & Expo, Atlanta, GA, Nov. 4-8, 2017.
14. **Radhakrishnan, K.**, Toprac, P., O'Hair, M., Bradley, P.*, Kim, M., & Mackert, M. "Serious Digital Game for Heart Failure Self-management by Older Adults: A Pilot Study." American Medical Informatics Association Annual Conference, Chicago, IL, Nov. 12-16, 2016.
13. Sockolow, P., **Radhakrishnan, K.**, & Chou, E. "Categorization of Patient Health Goals Elicited During Home Care Admission." American Medical Informatics Association Annual Conference, Chicago, IL, Nov. 12-16, 2016.
12. Garcia, A., **Radhakrishnan, K.**, & Monsen, K. "PHNs and Big Data: Visualizing Population Patterns in Older Adults." American Public Health Association (APHA) 2016 Annual Meeting and Expo, Denver, CO, Oct. 29 - Nov. 2, 2016.
11. **Radhakrishnan, K.**, Toprac, P., O'Hair, M., Bradley, P.*, Bias, R., Mackert, M., & Kim, M. "Interactive Digital E-health Game for Heart Failure Self-management: A Pilot Study." NINR Project Directors' Meeting. Washington, DC, May 3, 2016.
10. Sockolow, P., **Radhakrishnan, K.**, & Chou, E. "Patient Health Goals Elicited During Home Care Admission: A Categorization." Home Healthcare and Hospice Information Technology Conference, Chicago, IL, 2016.
9. **Radhakrishnan, K.**, Topaz, M.*, & Masterson-Creber, R.* "Adapting Heart Failure Guidelines for Nursing Care in Home Health Settings: Challenges and Solutions." The Gerontological Society of America (GSA) 2013 Annual Conference, New Orleans, LA, 2013.
8. **Radhakrishnan, K.**, & Xie, B. "Discontinuation of a Home Telehealth Program and Implications for Sustainability: A Texas Case Study." The Gerontological Society of America (GSA) 2013 Annual Conference, New Orleans, LA, 2013.
7. Topaz, M.*, Masterson-Creber, R.*, **Radhakrishnan, K.**, Shalom, E., & Bowles, K. H. "A Lack of Guidelines for the Care of Elderly Patients with Heart Failure and Other Comorbidities: An Alarming Issue for Home Health Nursing." The Gerontological Society of America (GSA) 2013 Annual Conference, New Orleans, LA, 2013.
6. Topaz, M.*, Molkin, D., Jarrin, O.*, **Radhakrishnan, K.**, O'Connor, M., & Bowles, K. H. "Who Shall We Visit First? Great Variation in How Home Health Prioritizes Patients' First Home Visit." The Gerontological Society of America (GSA) 2013 Annual Conference, New Orleans, LA, 2013.
5. Topaz, M*., Molkin, D., Koru, G., Masterson-Creber, R.*, Jarrin, O.*, **Radhakrishnan, K.**, O'Connor, M., & Bowles, K. H. "We're All In Our Own Little Island: A Qualitative

Exploration of Patient Information Exchange During Admission to Home Health Agency." The American Medical Informatics Association 2013 Annual Conference, Washington, DC, 2013.

4. Topaz, M.,* **Radhakrishnan, K.**, Masterson-Creber, R.,* Shalom, E. & Bowles, K. H. "Five Step Process to Create Nursing-Specific, Computer Interpretable, Clinical Practice Guidelines." The Omaha System International Conference, Eagan, MN, 2013.
3. Topaz, M.*, Shalom, E., Masterson-Creber, R.*, **Radhakrishnan, K.**, & Bowles, K. H. "Generating Nursing Specific, Time-Oriented, Hierarchical Computer Interpretable Guidelines: Tools Used and Lessons Learned." The First International Conference on Research Methods for Standardized Terminologies, Eagan, MN, 2013.
2. **Radhakrishnan, K.**, & Bowles, K. "Use of Home Health EHR to Identify Patient Characteristics that Influence Healthcare Utilization Outcomes for HF Patients Using Telehealth. " The Academy Health's 2012 Annual Research Meeting, Orlando, FL, 2012.
1. **Radhakrishnan, K.**, Roche, J. P., & Cunningham, H. "Measuring Clinical Practice Parameters with the Human Patient Simulation: A Pilot Study." Sigma Theta Tau 2007 Biennial Convention, Baltimore, MD, 2007.

Regional Conferences

18. **Radhakrishnan, K.**, Clifford, N., Tunis, R., West, E., Kim, N. (Accepted) Redefining Clinical Trials: Strategies for Decentralized Digital Health Nursing Research. A post-conference workshop. 40th Southern Nursing Research Society (SNRS) 2026 Annual Conference.
17. Im, C., **Radhakrishnan, K.**, Currin, G., O'Hair, M., Brooks, J. (2024). Health Digital Game Adaptation for a Native American Tribe Using Virtual CBPR. (Top 10 Student Poster). 39th Southern Nursing Research Society (SNRS) 2024 Annual Conference.
16. Nnaka, T., * Heitkemper, E., Hebert-Ansers, E., **Radhakrishnan, K.**, Kim, M. Feasibility of Smartphone-Based Ecological Momentary Assessment in Hypertension Self-Management Behavior Evaluation among Black Adults. Southern Nursing Research Society (SNRS) 2024 Annual Conference.
15. Tessmer, R.*, Chan, Y-C*, Gwizdka, J., Henry, M.L., **Radhakrishnan, K.** (2021). "Health information search behavior as an index of cognitive impairment: An eye-tracking study". Aging and Health Informatics Conference (AHIC). Austin, TX.
14. De Main, A. S, * Leggio, K., * Asim, H., & **Radhakrishnan, K.** (2021, December 6-7). *A sensor-controlled digital game for self-management behaviors among older adults with heart failure*. Aging and Health Informatics Conference (AHIC), Austin, TX, United States

13. Escobar, J.@ and Radhakrishnan, K. (2021) *Patterns in cognitive ability and self-care behaviors of heart failure patients engaging in digital health interventions: Case study analysis*. Aging and Health Informatics Conference (AHIC), Austin, TX, United States
12. Kim, M.T., **Radhakrishnan, K.**, Garcia, A., O'Hair, M., Hecht, J. (2020). Interactive Digital Game for Enhancing Self-Management for Mexican Americans (MAs) with Type 2 Diabetes Mellitus (T2DM): A Focus Group with Community Health Workers. Southern Nursing Research Society (SNRS) 2020 Annual Conference.
11. **Radhakrishnan, K.**, Julien, C., Lee, G.,* Baranowski, T., O'Hair, M., Fournier, C. A.,* Sagna, A.,* & Kim, M. T. Perspectives of older adults with heart failure on a sensor-controlled digital game prototype. (2019). Aging and Health Informatics Conference.
10. # Schnur, K.@, & **Radhakrishnan, K.** "Young adult readiness to engage in advance care planning." The Southern Nursing Research Society (SNRS) 2018 Annual Conference, Atlanta, GA, 2018.
9. # Williams-Ashman, K.*, & **Radhakrishnan, K.** "Using Simulation Technology to Validate Competency." Poster presentation at 2018 Sigma Theta Tau Nursing Education Conference, Location, 2018.
8. # **Radhakrishnan, K.**, Van Scoy, L., Jillapalli, R.*, Saxena, S.*, & Kim, M. "Community-based Game Intervention to Improve South Asian Indians' Engagement with Advanced Care Planning: A Pilot Feasibility Study." The Southern Nursing Research Society (SNRS) 2017 Annual Conference, Dallas, TX, 2017.
7. # **Radhakrishnan, K.**, Saxena, S.*, Jang, Y., & Kim, M. "Advanced Care Planning Behaviors of Older South Asian Indian-Americans." The Southern Nursing Research Society (SNRS) 2016 Annual Conference, Williamsburg, VA, February, 2016.
6. # **Radhakrishnan, K.**, Toprac, P., O'Hair, M., Bias, R., Mackert, M., Xie, B., Kim, M., & Bradley, P.* "Developing a Digital Game Prototype for Community Residing Older Adults with Heart Failure: A Feasibility Study." The Southern Nursing Research Society (SNRS) 2016 Annual Conference, Williamsburg, VA, February, 2016.
5. # **Radhakrishnan, K.**, Monsen, K., Zhang, W.*, & Bae, S. "Visual Analysis: An Alternative Analysis Technique to Analyze Patterns in Home Health Patient Knowledge, Behavior and Status Outcomes." The Southern Nursing Research Society (SNRS) 2016 Annual Conference, Williamsburg, VA, 2016.
4. # **Radhakrishnan, K.**, Saxena, S.*, Jang, Y., & Kim, M. "Advanced Care Planning by Older South Asian Indian-Americans for Asian American and Pacific Islander (AAPI) Health Summit." Poster presentation at Rice BioScience Research Collaborative, Houston, TX, November 20, 2015.

3. # **Radhakrishnan, K.**, & Xie, B. "Can Telehealth Facilitate Sustained Patient Self-management of Chronic Diseases: A Texas Case Study." The Southern Nursing Research Society (SNRS) 2014 Annual Conference, San Antonio, TX, 2014.
2. **Radhakrishnan, K.** "Nursing and Engineering Collaboration for Post Bariatric Surgery Telehealth Application." The Eastern Nursing Research Society (ENRS) 2009 Annual Scientific Session, Boston, MA, 2009.
1. Cunningham, H., Curnin, M., Lamourex, E., **Radhakrishnan, K.**, & Roche, J. P. "Don't Hesitate Start to Evaluate: Implementing a Tool for Evaluating Simulation." The 4th Annual Northeast Simulation User's Group Meeting, Foxwoods, CT, 2007.

Local Conferences

13. Clifford, N., Kim, N., Tunis, R., Lee, G., O'Hair, M., **Radhakrishnan, K.** "Socio-demographic Influences on Digital Game Engagement and Self-Care in Adults with Heart Failure." Poster presentation at The University of Texas at Austin, St. David's Center for Health Promotion and Disease Prevention Research Conference. Austin, TX. March 2025.
12. Tunis, R., * West, E., * Clifford, N., * **Radhakrishnan, K.** (2024) "I'm Not Your Average Heart Failure Patient": Personalization & Context in Digital Tools for Chronic Disease Self-Management. The University of Austin and St. David's Center for Health Promotion Research 2024 Annual Conference.
11. Britt, K., **Radhakrishnan, K.** (2024) Luci Baines Johnson & Ian Turpin Center for Gerontological Nursing. The University of Austin and St. David's Center for Health Promotion Research 2024 Annual Conference
10. Leggio, K.*, **Radhakrishnan, K.** (2022). The use of Wearable Activity Sensors in Adults with Heart Failure: A Systematic Review. The University of Austin and St. David's Center for Health Promotion Research 2022 Annual Conference.
9. Nnaka, T.*, **Radhakrishnan, K.**, Hébert, E., Obi, C.A., Kim, M.T. (2022). The use of ecological momentary assessment in cardiovascular disease self-management. Annual Interprofessional Health Showcase UT Austin.
8. Escobar, J. @ and Radhakrishnan, K. (2021) *Cognitive ability and self-care behaviors of heart failure patients engaging in digital health interventions: Case study analysis*. 2021 The University of Austin and St. David's Center for Health Promotion Research 2022 Annual Conference
7. **Radhakrishnan, K.**, Julien, C. (2019). Sensor-controlled digital game. The University of Texas Austin - Texas Health Catalyst Demo Day
6. Zhang, W.,* **Radhakrishnan, K.**, Becker, H., Acton, G., Hollahan, C. (2019). Self-regulation Strategies in Managing Multi-Morbidities Among Community-Dwelling People Aging

with Arthritis. The University of Austin and St. David's Center for Health Promotion Research 2022 Annual Conference (Student Poster Award)

5. Jillapalli, R.*, & **Radhakrishnan, K.** "Cervical Cancer Screening Among Asian-Indians in US: An Integrative Review." Poster presentation at 2017 St. David's CHPR Annual Conference: Innovative & Effective Approaches to Health Behavior Change Across the Lifespan, Austin, TX, 2017.
4. Zhang, W.*, & **Radhakrishnan, K.** "Systematic Review: Optimizing Aging with Chronic Conditions." Poster presentation at 2017 St. David's CHPR Annual Conference: Innovative & Effective Approaches to Health Behavior Change Across the Lifespan, Austin, TX, 2017.
3. **Radhakrishnan, K.**, Toprac, P., O'Hair, M., Bradley, P.*, Bias, R., Mackert, M., Xie, B., & Kim, M. "Older Adults' Perceptions on Playing an Interactive Digital E-health Game (IDEG) for Learning About Heart Failure: Prototype Development, Usability Testing and Knowledge Outcome." The University of Texas McCombs Annual Innovation in Health Care Delivery Systems Symposium, Austin, TX, 2016.
2. **Radhakrishnan, K.**, & Xie, Bo. "Decline of a Telehealth Program at a Home Health Agency and Implications for Sustainability: A Texas Case Study." The University of Texas McCombs Annual Innovation in Health Care Delivery Systems Symposium, Austin, TX, 2014.
1. **Radhakrishnan, K.**, Weems, D., Jones, T., Rice, W. "Seamless Transitions: Achieving Patient Safety Through Communication and Collaboration." The University of Texas McCombs Annual Innovation in Health Care Delivery Systems Symposium, Austin, TX, 2014.

INVITED PRESENTATIONS

International

- Radhakrishnan, K. "Leveraging Digital Innovations for Value-Based Nursing Care: Transforming Chronic Disease Management" Keynote Speech at 2025 TMUN International Conference: Enhancing the nurses' role in value-based healthcare, Taipei, Taiwan, 11/5/25
- Radhakrishnan, K. "When Electrical Engineering Meets Nursing." National Taiwan University, Taipei, Taiwan, 11/5/25
- Radhakrishnan, K. "From R21 to R01: Insights, Tips for Success and Lessons Learned." Southern Nursing Research Society RIIG Associated Deans of Research Webinar, 09/11/2025

Radhakrishnan, K. “Digital Health Tools for the Promotion of Self-Management Behaviors of Patients”. National Conference on Clinical Nursing Research Leading to Collaborative Excellence. New Delhi, India, 10/25/23

Radhakrishnan, K. “Trends, Challenges, and nursing Research Networking in the Technology Disruption Era” Thailand Nursing and Midwifery Council 7th National Nursing Research Conference. 01/28/22.

Radhakrishnan, K. “Advances in Smart Health for Self-management Science” Mahidol University, Bangkok, Thailand. 01/09/21

National

Radhakrishnan, K. “From Early Findings to Independent Funding: The Pathway to an R01” Keynote Speech at 2026 Center for Nursing Research Symposium, Texas Tech University, School of Nursing, Lubbock, TX, 04/10/26

Radhakrishnan, K. "Bridging Disciplines: When Electrical Engineering Meets Nursing." Keynote Speech at 2026 Elaine Marieb Nursing and Engineering Innovation Symposium, University of Massachusetts Amherst School of Nursing, Amherst, MA, 04/08/26

Radhakrishnan, K. (2023). Digital game applications for cardiovascular self-management. Home Health and Hospice Information Technology Conference, Baltimore, MD. 10/14/23

Radhakrishnan, K. (2023). How to Advance Biological and Social Methods in Your Research. 2023 virtual Advanced Methods Conference organized by Council for the Advancement of Nursing Science (CANS). 09/14/23

Radhakrishnan, K. (2023). Trajectory of a gaming-focused digital health research program for cardiovascular self-management. 26th Annual Bonnie Bullough Lecture and Research Day at The School of Nursing at State University of New York, Buffalo, NY. 04/21/23

Radhakrishnan, K. (2023). Sensor-controlled digital game for heart failure self-management. UT Health San Antonio School of Nursing ONRS Research Series Seminar. April 20, 2023

Kim, M. “Redesigning Culturally Tailored Interventions in the Precision Health Era”, Council for the Advancement of nursing Science (CANS). 2021 Role: Collaborator

Regional

Radhakrishnan, K. (2023). Digital tools for cardiovascular self-management behaviors. The University of Texas – Medical Branch RISE Center Webinar, January 16, 2024

Radhakrishnan, K. “Digital Games for cardiovascular Self-management: Texas Cardiovascular Disease and Stroke Partnership. 08/18/22

Radhakrishnan, K. "Making sense of self-management behavior data: How can informatics tools help?" The University of Massachusetts – Amherst, School of Nursing, Amherst, MA, 11/17

Radhakrishnan, K. "10 Worst Telehealth Mistakes for Elder Care." Webinar organized by VSEE, Inc., 5/17.

Radhakrishnan, K. Panelist, "Your Smartphone Will See You Now: How Innovation Will Revolutionize Healthcare and Population Health." The Texas Edge, Midlands, TX, 3/17.

Radhakrishnan, K. "The Unintended Consequences of Telehealth in the Home Health Setting." Telehealth Failures and Secrets to Success Conference, San Jose, CA, 12/16.

Radhakrishnan, K. "Leveraging Telehealth to Improve the Health of Frail Elders: Barriers and Facilitators." Texas Public Health Association 2014 Annual Education Conference, Corpus Christi, TX, 3/14.

Local

Radhakrishnan, K. (2024). Adaptations of Digital Interventions for cardiac self-care in underserved populations. The University of Texas Austin Public Health Coalition. December 2024.

Hernandez, J., and Radhakrishnan, K. (2024). Cultural Adaptation of Digital Game Intervention for Underserved Minorities. The University of Texas Austin School of Nursing and St.David's CHPR Annual Conference, March 2024.

Radhakrishnan, K. (2024). IRB Lessons Learned. The University of Texas Austin School of Nursing and St.David's CHPR Webinar, January 16, 2024

Radhakrishnan, K. (2023). Strategies for a Nursing Research Career: Teens for Health Care Frisco Nursing Workshop, March 25, 2023.

Radhakrishnan, K. (2022). Sensor-controlled digital game for heart failure self-management. Dell Medical School Department of Surgery and Perioperative Care Monthly Research Meeting, November 7, 2022.

Radhakrishnan, K. (2022). Trajectory of an aging-focused digital health research program for heart failure self-management. The University of Texas Austin School of Nursing Advisory Council Meeting on October 13, 2022

Radhakrishnan, K. (Panelist). Using Game Strategy for Personalization: A Culturally Tailored Approach. The University of Texas Austin School of Nursing and St.David's CHPR 20th Annual Conference, 03/02/22

Radhakrishnan, K. (Panelist). Grant Writing Panel Discussion Winning Strategies from

Successful Proposals. Precision Health Methodology Summer Bootcamp 2022, 08/11/22

Radhakrishnan, K. (Panelist). Strategic Advice from NIH Study Section Reviewers. The Office of Vice President for Research, The University of Texas Austin, 08/17/22

Radhakrishnan, K. (Panelist). E-health and Health Communication: Supporting Personal and Public Health. Whole Communities–Whole Health Interdisciplinary Seminar Series. 12/08/21.

Radhakrishnan, K. (Panelist) “Strategies for Conducting Remote Research: Lessons Learned”. The University of Texas Austin Center for Health Promotion Research Colloquium Series. April 2021

Radhakrishnan, K. “Using Serious Games for Heart Failure Self-Management”. The University of Texas Austin Center for Health Promotion Research Colloquium Series. October 2020

Radhakrishnan, K. “Digital Game Intervention for Heart Failure Self-management” Panel Presenter at 2019 St. David’s Center CHPR Conference, Self-Management of Chronic Conditions: Building Science. March 2019

Radhakrishnan, K. "Use of Conversation Game for Advanced Care Planning by South Asian Indian-Americans." IBM Aging Lab, City, State, 5/17.

Radhakrishnan, K. "Role of Serious Games to Motivate Behavior Change in Heart Failure Self-management," 2017 St. David’s Center CHPR Conference, Innovative & Effective Approaches to Health Behavior Change Across the Lifespan, 3/17.

Radhakrishnan, K. "Advanced Care Planning by South Asian Indian-Americans: Barriers and Facilitators." Asian American Studies Faculty Lunch Series organized by The University of Texas at Austin Center for Asian American studies, Austin, TX, 3/17.

Radhakrishnan, K. "The Transition from Grad Student to Junior Faculty." Moody School of Communication Health Communication Scholars Program grant workshop, City, State, 10/17.

Radhakrishnan, K. "Transition to Home – What Can the Healthcare Team Do?" Central Texas Rehabilitation Nursing Association Fall Presentation, Austin, TX, 9/16.

Radhakrishnan, K., Toprac, P., O’Hair, M., Bradley, P., Bias, R., Mackert, M., Xie, B., & Kim, M. "Interactive Digital Ehealth Game for Heart Failure: A Pilot Study." The University of Texas School of Nursing Trans-disciplinary Center for Self-management Sciences (TCRSS), Austin, TX, 3/16.

Radhakrishnan, K. Panelist, "What's the Hold-up? A Discussion of the Barriers Impeding Digital and Mobile Health." The University of Texas McCombs School of Business Disruptive Innovation: Digital, Mobile, and Social Health Seminar, Austin, TX, 11/14.

Radhakrishnan, K. "Current Trends & Future Directions in Telehealth & Telemedicine." Austin Tech Forum, Austin, TX, 8/14.

Radhakrishnan, K. "Leveraging Telehealth to Improve the Health of Frail Elders: Barriers and Facilitators." The University of Texas Austin School of Nursing's Cain Center Research Seminar series, 3/14.

Radhakrishnan, K. Panelist, "Challenges of Implementing and Diffusing Process Improvement in a Health Care Environment." The University of Texas McCombs School of Business Process Improvement: Organizational and Technological Innovation Healthcare IT Seminar, Austin, TX, 11/13.

Radhakrishnan, K. "Unintended Consequences: Remote Monitoring Technology." University Lecture Series of The University of Texas, Austin, TX, 10/13.

Radhakrishnan, K. Panelist, "The Intersection of Data Analytics and Human Behavior: Research Perspectives." The University of Texas McCombs School of Business Healthcare IT Seminar, Austin, TX, 11/12.

FACULTY MENTORSHIP

2025 Fellow of American Academy of Nursing Sponsor for Dr. Allison Crawford (Accepted) from The University of Texas Health Center San Antonio School of Nursing

2025 Fellow of American Academy of Nursing Sponsor for Dr. Li-Chen Lin from The University of Texas Austin School of Nursing

2023-25 Provost's Mentor for Yuanjin, Zhou (Assistant Professor, The University of Texas Austin, Steve Hick School of Social Work)

2024 Grant reviewer for The University of Texas Austin Office of Vice President for Research R01 club

2024 Fellow of American Academy of Nursing Sponsor for Dr. Li-Chen Lin from The University of Texas Austin School of Nursing

2024 Sponsor for 2024 Fellow of the Association of Women's Health, Obstetric and Neonatal Nurses (FAWHONN) Dr. Christine Abbyad from The University of Texas Austin School of Nursing

STUDENT ADVISING

DISSERTATION/THESIS COMMITTEE SUPERVISION

PhD Dissertation, Committee Chair

Current

Clifford, Namuun (2023 – 2026). The University of Texas School of Nursing. Precision Health to identify and prevent cardiovascular disparities among the underserved population.

Past:

Leggio, Katelyn (2020 – 2023). The University of Texas School of Nursing, “Utilizing the All of Us Research Program: Exploring the Use of Wearable Activity Trackers in Adults with Heart Failure.”

Britt, Katherine (2022). The University of Texas School of Nursing, “Mild Cognitive Impairment and Dementia – The Impact of Religious and Spiritual Activity on Risk, Behavioral Disturbances and Cognition”

Allen, Catherine (2022). The University of Texas School of Nursing and Robert Wood Johnson Doctoral Fellow, “Understanding How Limited Or Uncertain Access To Food Affects Pregnancy Health”

Jillapalli, Regina (2019). The University of Texas School of Nursing, “Cervical Cancer Screening Behaviors in Asian Indian-American women – An Ethnography study”.

Zhang, Wenhui (2019). The University of Texas School of Nursing, “Self-regulation strategies in managing arthritis & comorbidities among community-dwelling older adults”.

PhD Dissertation, Committee Member

Kang, Sookja (2023 – 2026). The University of Texas Austin School of Nursing. “Digital Health Use Among Pregnant Individuals.”

Tunis, Rachel (2023 – 2026). The University of Texas Austin School of Information. “Toward Meaningful Personalization in Self-Care Technologies.”

Im, Cheongim (2023 – 2025). The University of Texas Austin School of Nursing. “Cardio-Oncology Patient Outcomes and Symptom Management Factors”

Lee, Grace (2022 – 2025). The University of Texas Austin College of Engineering. “Integrating Sensor Data and Gamification for Health Behavior Change.”

Nnaka, Tonychris (2021 – 22). The University of Texas Austin School of Nursing. “A Precision Health Approach to Activating High Blood Pressure Self-Management Behavior among US Blacks.”

Yaklin, Sandy (2021 - 2021). The University of Texas Austin School of Nursing. “A Formative Multifaceted Self-Help Intervention Approach to Address Health Disparities in the African American Community.”

Yediares, Jason (2020 - 2021). The University of Texas Austin School of Nursing. An Exploration of LGBTQ+ Youth Parent / Guardian Initiated Healthcare Access

Reddy, Swati (2020 - 2021). The University of Texas Austin School of Social Work, "Intimate partner violence against South Asian women"

Murry, Nicole (2017 – 2018) –The University of Texas Austin School of Nursing, "The Impact of Health Literacy on Self-Care Activities Among Underserved Patients with Type 2 Diabetes".

Cantú Alejandro , Celeste. (2014 – 2015) "Trust and distrust in mobile health technologies in organizational networks" – Monterrey Institute of Technology, Mexico (Tecnológico de Monterrey) and Visiting scholar at The University of Texas McCombs School of Business

Schlegal, Cara. (2014-2018) The University of Texas Austin School of Nursing, "Medication-related information needs of point-of-care clinicians during patient transfer.

DOCTORATE IN NURSING PRACTICE (DNP) Scholarly Project Chair

2016 - 17 "Competency Assessment Using High Fidelity Human Patient Simulation and Evaluation Rubric" – Kate Williams-Ashman

2016 - 17 "The Graduate Nurse Experience: Bridging the Gap in Transition to Practice with a Social Media Support Platform" – Tricia Casler

MASTERS CAPSTONE PROJECT

2024 "Scoping review of literature and Funding sources available to a local culturally diverse drumming program" - Suroor Ali LEADS program at The University of Texas Austin School of Nursing

2024 "Impact of a culturally diverse drumming program on youth anxiety and depression". John Jung LEADS program at The University of Texas Austin School of Nursing

2023 "Project planning for Johnson- Turpin Center for long-term care Excellence". Kelly Shinol LEADS program at The University of Texas Austin School of Nursing

2023 "Project planning for Johnson- Turpin Center Center for Gerontological Nursing". Malia Blume LEADS program at The University of Texas Austin School of Nursing

2022 “Adaptation of a digital game to Latinx culture: A qualitative exploration”
– Yuri Gamez LEADS program at The University of Texas Austin School
of Nursing

UNDERGRADUATE HONORS THESIS PROJECT

2021 – 2022 “Health Disparities in Dermatology: More than skin-deep?” – Hira Asim
at The University of Texas Austin College of Natural Sciences

2020 – 2022 “Patterns in cognitive ability and self-care behaviors of heart failure patients
engaging in digital health interventions: Case study analysis” – Jose
Escobar, The University of Texas Austin School of Nursing

2018 – 2020 “Communication patterns regarding sexual health between South Asian
young women and their pediatricians” – Teja Sebastian, Health
Communication Scholar at The University of Texas Austin College of
Natural Sciences

2016 – 18 “Young Adult Knowledge and Readiness to Engage in Advance Care
Planning Behaviors” – Kaylee Schnur, The University of Texas Austin
School of Nursing

2014 – 16 “Videogames in a healthcare setting: A literature review” – Bianca Alejo,
The University of Texas Austin School of Nursing

UNDERGRADUATE Bridging Disciplines Program Faculty Mentor

2021-22 Hira Asim at The University of Texas Austin College of Natural Sciences

2021 Andrea Vangas at The University of Texas Austin College of Natural
Sciences

2017 – 19 “Barriers to and Facilitators of mental health help-seeking behaviors
among South Asian American College Students” – Tamanna Basri,
Bridging Disciplines Scholar at The University of Texas Austin College of
Natural Sciences

Graduate Advising:

2023-24 Served as graduate advisor to 2 Masters nursing graduate students

2022-23 Served as graduate advisor to 2 Masters nursing graduate students

2021-22 Served as graduate advisor to 2 Masters nursing graduate students

2020 Served as graduate advisor to 6 Masters nursing graduate students

2019 Served as graduate advisor to 8 Masters nursing graduate students

2014 – present Served as graduate advisor to 3 doctoral and 10 Masters nursing graduate
students

Independent Studies:

2023 – 2025	Supervised independent studies for 1 PhD student at the University of Texas – Austin School of Nursing; Practicum for 1 PhD student
2022 – 2023	Supervised independent studies for 1 PhD student and 1 DNP student at the University of Texas – Austin School of Nursing
2021 - 2022	Supervised independent studies for 2 PhD students and 1 Masters students at the University of Texas – Austin School of Nursing
2015 – 2021	Supervised 11 independent studies of graduate students at the University of Texas – Austin Schools of Nursing, Social Work and Management

Other Mentorship Activities:

2020 Robert Wood Johnson Fellowship Annual Conference Mentor Attendee
2020 Society of Behavioral Medicine – Behavioral Information Technology SIG Mentor
2020 3-Day Startup Panel Judge

COURSE DEVELOPED

Summer 2020 3-credit Theoretical Basis for Precision Health at The University of Texas Austin School of Nursing

Spring 2019 1-credit Patient Care Practicum course at The University of Texas Austin School of Nursing

Spring 2015 3-credit Informatics for Healthcare Providers at The University of Texas Austin School of Nursing

COURSES TAUGHT

Didactic Instruction at UT Austin School of Nursing (By Course Number)

UT Course Number and Name	Description	Semester/Year
N395 Theoretical Foundations of Precision Health Research	Graduate Nursing Elective	Fall 2020-22
N392 Applications for Healthcare Research	Master's Required Course	Fall 2020-21
N395 Health Information Systems	Required Course – DNP Program	Fall 2016-18; Spring 2020-22
N395 Health Informatics	Graduate Nursing Elective	Fall 2015, Fall 2019 Spring 2016 - 2021
N392Q Advanced Psychosocial Nursing: Culture, Ethics, and Therapeutic Communication	Master's level seminar course	Fall 2012-14 Spring 2013-14
N181 Patient Care Practicum	Master's level practicum course	Fall 2019
N227 Conceptual Bases for Aging	Undergraduate course for RN-BSN	Spring 2014-16

UT Course Number and Name	Description	Semester/Year
	Track (Web)	
N224 Nursing Research	Undergraduate course for RN-BSN Track (Web)	Fall 2014-17
N227 Conceptual Bases for Aging	Traditional undergraduate nursing students	Spring 2015
N397 Conceptual Foundations of Research Design & Methods	Doctoral Core Course	Fall 2016-17
N281V LeaDS: Practicum in Advanced Nursing	Master's level capstone course	Spring 2017

Clinical Instruction at The University of Massachusetts Memorial School of Nursing, Worcester, MA

UMASS Course Name	Semester/Year	Comments
Medical-Surgical Nursing	2011 - 2012	Classroom and clinical instructor..

Guest Lectures

Course Name	Semester/Year	Department	Comments
Doctoral Seminar	Fall 2024	The University of Texas Austin School of Nursing	Core Course
Theoretical Foundations of Precision Health Research	Fall 2023 - 24	The University of Texas Austin School of Nursing	Graduate Nursing Elective
Leadership and Management of Nursing Care	Fall 2022-24, Spring 2023-25	The University of Texas Austin School of Nursing	Core Course
Fall 2022 Biomedical Engineering's Annual Seminar Series	Fall 2022	The University of Texas Austin School of Biomedical Engineering	Graduate Biomedical Engineering Organizer: Instructor: Dr. Mia Markey
GRACE Program Event	Fall 2018	The University of Texas Austin School of Social Work	Advanced Care Planning by South Asian Indian Americans: Barriers and facilitators
Graduate Seminar Course – Statistics Data Consulting	Spring 2019	The University of Texas Austin Department of Statistics	Telehealth Research Statistics Data Consultation
Telehealth Basics	Summer 2018	University of Haifa, Israel	Introductory lecture for University of Haifa's MOOC – Paid Consultant
Menu-Driven Statistics	Summer 2018	The University of Texas Austin	Graduate Nursing (Instructor: Marge

		School of Nursing	Benham-Hutchins)
Health Promotion and Risk Reduction	Fall 2015	The University of Texas Austin School of Nursing	Graduate Nursing (Instructor: Gayle Acton)
Health Informatics	Fall 2013 Fall 2014	The University of Texas Austin School of Nursing	Graduate level elective (Instructor: Dr. Bo Xie)
Medical Decision Making	Spring 2014, Fall 2014 - 16 Summer 2017, Summer 2018	The University of Texas Austin Biomedical Engineering	Upper Division undergraduate elective (Instructor: Dr. Mia Markey)
Nursing Care for Chronic conditions	Spring 2009, Spring 2010, Spring 2011	University of Massachusetts – School of Nursing	Undergraduate core course (Instructor: Erin Lamoureux)

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

Academy Health - 2010-2012

American Heart Association – 2019 to Present

American Medical Informatics Association - 2011-2017, 2019 to Present

American Telemedicine Association (ATA) - 2009-2011

Eastern Nursing Research Society - 2008-2012

Gerontological Society of America - 2011-2017, 2019-Present

Heart Failure Society of America – 2019 to 2022

Sigma Theta Tau – Beta Zeta Chapter – 2006 to 2012; Epsilon Theta Chapter - 2012 to Present

Society of Behavioral Medicine - 2012-2013, 2020 to Present

Southern Nursing Research Society – 2014-2017, 2023 - Present

Texas Nurses Association / American Nurses Association - 2014 to Present

PROFESSIONAL SERVICE

National Institutes of Health Study Standing Section Reviewer

Biobehavioral Medicine and Health Outcomes (BMHO) (Oct 2023 - Present)

National Institutes of Health Study Section Ad-hoc Reviewer

SBIR Review Panel (Fall 2022, Spring 2023)

Clinical Informatics and Digital Health (CIDH) (March 2021)

Biobehavioral Medicine and Health Outcomes (BMHO) (Feb 2021, Oct 2021, June 2022, Summer 2023)

Manuscript Reviewer

2014 - Present Applied Clinical Informatics

2011 - Present Western Journal of Nursing Research

2017-Present Journal of Cardiovascular Nursing

2018- 2020 Games for Health Journal

2016 - Present Research in Nursing and Health

2020	Ethnicity and health
2020	Computers in Human Behavior
2020	Journal of Aging and Long-term Care
2019	Journal of Personalized Medicine
2018	Journal of Geriatric Social Work
2017	BioMed Central Medical Informatics and Decision-Making Journal
2017	Institute of Electronic and Electrical Engineers Access
2017	Patient-Centered Outcomes Research Institute (PCORI) Grant
2016	Public Health
2015 - Present	Journal of Medical Internet Research
2016	Computers and Education Journal
2015	Home Health Care Management and Practice
2015	Global Advances in Health and Medicine
2014	Health Education Journal
2014	American Journal of Managed Care
2014	PLOS One Journal
2014	Smart Homecare Technology and Telehealth
2013	Home Healthcare Management and Practice
2013-2016	BioMed Central Health Services Research Journal
2010-2019	Journal of Advanced Nursing
2007	International Journal of Nursing Education and Scholarship

Abstract Reviewer

2023	Society of Behavioral Medicine Annual Conference
2023	School of Nursing Center for Health Promotion Research Annual Conference Poster
2020	Council for Advanced Nursing Science (CANS)
2019	School of Nursing Center for Health Promotion Research Annual Conference Poster
2015-2020	American Medical Informatics Association Annual Conference
2015-2020	Home Healthcare and Hospice Information Technology
2013-2016	Southern Nursing Research Society Annual Meeting
2012-2013	Center for Health Promotion Research Conference, UT Austin School of Nursing
2012-2013	Eastern Nursing Research Society Annual Meeting
2012-2013	Hawaiian International Conference on System Sciences
2011-2012	IASTED International Conference on Telehealth: Telehealth 2012

International/National/University Grant Proposal Reviewer

2024	Proposal Reviewer for Hong Kong Polytechnic University
2020	The University of Texas Austin School of Austin and Center for Health Promotion Research grant proposal review
2020	U.S. National Academy of Medicine Catalyst Award reviewer of 'Health Longevity Global Competition'
2018	The University of Texas Austin Health Communication Scholars Program
2016	External Reviewer, Request for Proposal (RFP) on 'Long-term Conditions and Living Well' Managed by the Health Research Council of New Zealand

2016-18	Reviewer for Texas Dell Catalyst Grant Program
2015	External Reviewer for the Collaborative Faculty Research Investment Program (CFRIP) sponsored jointly by Scott & White Healthcare, Baylor Health Care System, Baylor University and Baylor College of Medicine
2013	External Reviewer for NHS Scotland Health Services and Health of the Public Postdoctoral Fellowship
2013	The University of Texas Austin School of Austin and Center for Health Promotion Research grant review

Tenure and Promotion External Reviewer

2024	Tenure Application of Assistant to Associate at University of Texas Health Center San Antonio School of Nursing
2023	Tenure Application of Assistant to Associate at University of Massachusetts School of Nursing
2022	Tenure Application of Assistant to Associate at University of Virginia School of Nursing
2021	Tenure Application of Assistant to Associate at Virginia Commonwealth University School of Nursing
2020	Tenure Application of Assistant to Associate at University of Colorado College of Nursing

PhD Accreditation

2024	Nursing PhD Program at State University of New York, Buffalo, NY
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COMMITTEE SERVICE

Non-elected Position in Professional Organization

2024 – current	Southeastern Conference Nursing Schools Associate Deans of Research
2023 – current	Southern Nursing Research Society Associate Deans of Research RIIG
2021 – current	Fellow of American Academy of Nursing Expert Panel on Informatics
2020 – 2024	American Heart Association Cardiovascular and Stroke Nursing Committee
2021 – 2023	American Heart Association Quality of Care and Outcomes Research Committee
2018	Member, Texas Nurse Association (TNA) End of Life Policy Task Force
2014 - 2016	American Heart Association's Telehealth Policy Guidance Committee
2014	Southern Nursing Investigator Rising Investigator Award Committee
2014	American Medical Informatics Association-Nursing Informatics Working Group Nominating Committee
2014 -present	Home Healthcare and Hospice Information Technology Conference Program Committee Member

Elected Position – University Committees

2016 – 2022	Graduate Assembly
2021 - 2022	Chair - Information Technology Committee

Elected Position – School of Nursing Committees

2023 - 2025	Chair – Graduate Studies Committee
2019 – 2021	Executive Committee
2018 – 2020	Nominations Committee

Non-Elected Position (Invited) University Committees

2024 – 25	Provost Mentored Faculty Scholar Selection Committee
2024 – 25	Research Leader’s Academy Selection Committee
2024 – 25	MD-Anderson and University of Texas Austin Collaborative Grant reviewer
2023 – 24	School of Pharmacy Faculty Recruitment Committee
2021 – 2022	WTC Governance committee
2016 – 2022	Information Technology Committee
2013 – 2018	Healthcare Initiative Screening Committee – A University of Texas McCombs School of Business Initiative
2015-2017	Moderator, The University of Texas Austin McCombs School of Business Annual Healthcare Symposium
2016	Dell Population Health School Inaugural Summit (Invited Member)
2014	Judge, The University of Texas Austin Undergraduate Biomedical Engineering Society’s Case Competition

Non-Elected Position (Invited) Nursing Committees

2024 – Current	Chair, Faculty Recruitment Search Committee
2024 – 25.	Faculty Development Leave Award Committee
2025 -	School of Nursing Research Committee (Chair)
2024	NRSA (F31) Grant-Writing Workshop Planning Committee
2023	Faculty Recruitment Committee
2022 - 2023	School of Nursing Research Committee (Chair)
2021	Doctoral Program Curriculum Ad-hoc committee (Chair)
2012 – Present	Graduate Studies Committee
2020	Dean Entrepreneurship Strategy
2020 - 22	T32 Candidate Selection Committee
2021 – 22	T32 Annual Bootcamp Workshop Planning Committee
2020 - 25	PhD candidate File Review
2018	Doctoral Program Preliminary Exam Committee
2015	Ad-hoc Committee to develop Masters Nursing Program of Leadership in Diverse Settings (LeaDS)

Other Committees

2018-present	Member, Texas CVD-Stroke partnership
2020	Puentes 2.0: Using Convergence Science in Population Health
2018	Member, American Heart Association Austin Chapter ‘Heart Policy Academy’
2017	Faculty Affiliate, Moody School of Communication
2017	Faculty Affiliate, Center for Asian American Studies (CAAS)
2015	The University of Massachusetts Amherst Hluchyj Fellowship Working Group

2014 Member, Texas Department of Health and Human Services Sub-committee on Telehealth, Telemedicine and Telemonitoring Policy Task Force

CONSULTANT

2015 Texas Dell Catalyst Grant Finalist Proposal on 'Keystrokes for Parkinson's Diagnosis'

COMMUNITY SERVICE

2020 – 21 Volunteer at the University of Texas Austin COVID19 vaccine clinic
2017-20 Board Commissioner, City of Austin Asian American Quality of Life Commission
2019 Moderator, Advanced Care Planning Panel Discussion, Shri Shirdi Sai Baba Temple of Austin, Austin, TX
2019 School Supplies Packing for Hindu Charities For America and Dell Jewish Center, Austin, TX
2019 Interview Panelist at the Community Engagement for Assistant Medical Director Position at Austin Public Health

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