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

Kavita Radhakrishnan

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 License (2012 – Present)
Massachusetts License (2006-2012)

PROFESSIONAL EXPERIENCE
The University of Texas at Austin, School of Nursing
2019 – Current 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
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
2021 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
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

Other Roles
T32HL140290 Cubbin, C. (PI).   09/2018 – 08/2023
Title: Post-doctoral Training in Promoting Health Equity in Cardiovascular Disease.
Funding Agency: National Lung Heart and Blood Disorders Institute (NHLBI).
Role: Faculty Mentor.

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: Faculty Mentor.

R01HL162598. Radhakrishnan (PI)   04/2022 - 03/2027
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)
Status: Score in 13th percentile (fundable range for ESI), Funding anticipated in April 2022.
Costs: $3,838,569.41

COMPLETED

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.

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 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
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
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.

PUBLICATIONS

Refereed Articles (published or "in press") (* - *Student involvement; # - Data based)*
Total # of citations (as of May 06, 2022): **1274** (Source: Google Scholar)
H-index (n # of papers cited at least n # of times): **17** (Source: Google Scholar)
i-10 index (# of papers cited at least 10 times): **27** (Source: Google Scholar)

 # Radhakrishnan K, Julien C, Baranowski T., O'Hair, M., Sagna, A.*, Allen, C.*, Lee, G.*, Thomaz, E., Viswanathan, B., Kim, M. (In Press). Sensor-controlled digital game and heart failure self-management behaviors – A feasibility randomized controlled trial study.* Journal of Medical Internet Research: Serious Games

 # 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

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*, 10.1097/JCN.0000000000000794. Advance online publication. https://doi.org/10.1097/JCN.0000000000000794

Danesh, V., Zuñiga, J. A., Timmerman, G. M., **Radhakrishnan, K**., Cuevas, H. E., Young, C.

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

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.

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

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

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

Basri, T.*, **Radhakrishnan, K.,** Rolin, D. (In Press: **Featured Article**). Barriers and facilitators to metal health help seeking behaviors in South Asian university students. *Journal of Psychosocial and Mental Health Nursing*

Jillapalli, R.*, & **Radhakrishnan, K**. (in press). Cervical cancer screening behaviors among Asian Indians in the US: A systematic review. *Journal of Immigrant and Minority Health*.

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

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

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

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.

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

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

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

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

Radhakrishnan, K., Jillapalli, 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

Radhakrishnan, K., van Scoy, L., Jillapalli, 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

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

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

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

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

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

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

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

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

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

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

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

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

Radhakrishnan, K., Xie, B., Berkley, A.*, & Kim, M. (2015). Barriers and facilitators for sustainability of tele-homecare programs: A systematic review. *Health Services Research Journal* doi: 10.1111/1475-6773.12327 [E-publication ahead of print, June 2015] Impact Factor: 2.2

 # 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

 # 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

 # 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

 # 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

 # 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

 # 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

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

 # 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

 # 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

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

 # 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

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

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

 # 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

OTHER PUBLICATIONS – Published Conference Proceedings

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.

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

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 - 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.

RESEARCH PRESENTATIONS

International Conferences

Helleso, R., Bowles, K., **Radhakrishnan, K.**, & Sockolow, P. "Information Challenges in Patient Transition." Oral presentation at Nursing Informatics Conference, Geneva, Switzerland, 2016.

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

Sagna, A.*, Leggio, K.*, Asim, H.*, Radhakrishnan, K. (Accepted) Behavioral Mechanisms Of A Sensor-Controlled Digital Game That Motivates Self-Management Behaviors By Older Adults With Heart Failure. Heart Failure Society of America. (Nominated for New Investigator Research Award.

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)

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.

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)

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 (Poster)

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)

Lin, L. Liu, M. **Radhakrishnan, K.** (2020). An Innovative Approach on Medication Teaching in a Rehabilitation Setting. Association of Rehabilitation Nursing Annual Conference.

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.

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. (Poster)

\# **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. (Podium)

\# **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. (Poster)

\# **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.

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.

\# **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." Poster presentation at American Medical Informatics Association Annual Conference, Chicago, IL, Nov. 12-16, 2016.

\# Sockolow, P., **Radhakrishnan, K.**, & Chou, E. "Categorization of Patient Health Goals Elicited During Home Care Admission." Poster presentation at American Medical Informatics Association Annual Conference, Chicago, IL, Nov. 12-16, 2016.

\# Garcia, A., **Radhakrishnan, K.**, & Monsen. K. "PHNs and Big Data: Visualizing Population Patterns in Older Adults." Poster presentation at American Public Health Association (APHA) 2016 Annual Meeting and Expo, Denver, CO, Oct. 29 - Nov. 2 ,2016.

 # 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." Poster presentation at NINR Project Directors' Meeting. Washington, DC, May 3, 2016.

 # Radhakrishnan, K., Saxena, S.*, Jang, Y., & Kim, M. "Advanced Care Planning Behaviors of Older South Asian Indian-Americans." Poster presentation at The Southern Nursing Research Society (SNRS) 2016 Annual Conference, Williamsburg, VA, February, 2016.

 # 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." Poster presentation at The Southern Nursing Research Society (SNRS) 2016 Annual Conference, Williamsburg, VA, February, 2016.

 # 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.

Sockolow, P., **Radhakrishnan, K.**, & Chou, E. " Patient Health Goals Elicited During Home Care Admission: A Categorization." Poster presentation at Home Healthcare and Hospice Information Technology Conference, Chicago, IL, 2016.

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.

 # Radhakrishnan, K., Topaz, M.*, & Masterson-Creber, R.* "Adapting Heart Failure Guidelines for Nursing Care in Home Health Settings: Challenges and Solutions." Poster presentation at The Gerontological Society of America (GSA) 2013 Annual Conference, New Orleans, LA, 2013.

 # Radhakrishnan, K., & Xie, B. "Discontinuation of a Home Telehealth Program and Implications for Sustainability: A Texas Case Study." Poster presentation at The Gerontological Society of America (GSA) 2013 Annual Conference, New Orleans, LA, 2013.

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 Co-morbidities: An Alarming Issue for Home Health Nursing." Poster presentation at The Gerontological Society of America (GSA) 2013 Annual Conference, New Orleans, LA, 2013.

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." Poster presentation at The Gerontological Society of America (GSA) 2013 Annual Conference, New Orleans, LA, 2013.

\# 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.

\# Topaz, M.,* **Radhakrishnan, K**., Masterson-Creber, R.,* Shalom, E. & Bowles, K. H. "Five Step Process to Create Nursing-Specific, Computer Interpretable, Clinical Practice Guidelines." Poster presentation at The Omaha System International Conference, Eagan, MN, 2013.

\# 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.

\# **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.

\# **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.

\# **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.

\# **Radhakrishnan, K.,** & Bowles, K. "Use of Home Health EHR to Identify Patient Characteristics that Influence Healthcare Utilization Outcomes for HF Patients Using Telehealth. "Poster presentation at The Academy Health's 2012 Annual Research Meeting, Orlando, FL, 2012.

Radhakrishnan, K. "Nursing and Engineering Collaboration for Post Bariatric Surgery Telehealth Application." Poster presentation at The Eastern Nursing Research Society (ENRS) 2009 Annual Scientific Session, Boston, MA, 2009.

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.

 # 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

Escobar, J and Radhakrishnan, K . Patterns in cognitive ability and self-care behaviors of heart failure patients engaging in digital health interventions: Case study analysis. Southern Nursing Research Society (submitted in June 2021)

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.

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.

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.

Williams-Ashman, K.*, & **Radhakrishnan, K**. "Using Simulation Technology to Validate Competency." Poster presentation at 2018 Sigma Theta Tau Nursing Education Conference, Location, 2018.

 # 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.

 # 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.

 # Radhakrishnan, K., & Xie, B. "Can Telehealth Facilitate Sustained Patient Self-management of Chronic Diseases: A Texas Case Study." Poster presentation at The Southern Nursing Research Society (SNRS) 2014 Annual Conference, San Antonio, TX, 2014.

Local Conferences

Radhakrishnan, K., Julien, C. (2019). Sensor-controlled digital game. The University of Texas Austin - Texas Health Catalyst Demo Day

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. 2019 St. David's CHPR Annual Conference (Student Poster Award)

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.

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.

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.

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.

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, Date.

INVITED PRESENTATIONS

International

Radhakrishnan, K. "Advances in Smart Health for Self-management Science" Mahidol University, Bangkok, Thailand

Regional

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. (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.

STUDENT ADVISING

DISSERTATION/THESIS COMMITTEE SUPERVISION
PhD Dissertation, Committee Chair
  Current:
  Valerie, Sant (2022– current). PhD Advisor/ Mentor. The University of Texas School of Nursing

  Leggio, Katelyn (2020 – current). PhD Advisor/ Mentor. The University of Texas School of Nursing

  Past:
  Britt, Katherine (**2022**). The University of Texas School of Nursing

  Allen, Catherine (2022). The University of Texas School of Nursing and Robert Wood Johnson Doctoral Fellow

  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".

        Yalkin, Sandy (2021 - 2021). The University of Texas 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 School of Nursing. An Exploration of LGBTQ+ Youth Parent / Guardian Initiated Healthcare Access

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

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

        Cantú Alejandro , Celeste. (2014 – 2015) Dissertation Defense – "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 School of Nursing, "Medication-related information needs of point-of-care clinicians during patient transfer. Successful Defense - Summer 2019

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

UNDERGRADUATE HONORS THESIS PROJECT

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

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

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

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

Graduate Advising:

2021   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:

2015 – present   Supervised 11 independent studies of graduate students at the University of Texas – Austin Schools of Nursing, Social Work and Management

Mentorship:

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
Theoretical Foundations of Precision Health Research	Graduate Nursing Elective	Fall 2020-21
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 Track (Web)	Spring 2014-16
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
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
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 Present
Sigma Theta Tau – Epsilon Theta Chapter - 2006 to Present
Society of Behavioral Medicine - 2012-2013, 2020 to Present
Southern Nursing Research Society – 2014-2017
Texas Nurses Association / American Nurses Association - 2014 to Present

PROFESSIONAL SERVICE

National Institutes of Health Study Section Reviewer
Clinical Informatics and Digital Health (CIDH) (March 2021)
Biobehavioral Medicine and Health Outcomes (BMHO) (Feb 2021, Oct 2021, June 2022)

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	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

2020	Council for Advanced Nursing Science (CANS)
2019	School of Nursing Center for Health Promotion Research Annual Conference Poster Reviewer
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

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

COMMITTEE SERVICE

<u>Non-elected Position in Professional Organization</u>

2020 – current	American Heart Association Cardiovascular and Stroke Nursing Committee Committee
2021 – current	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

<u>Elected Position – University Committees</u>

2016 – 2022	Graduate Assembly

<u>Elected Position – Department Committees</u>

2021	Chair Elect – Graduate Studies Committee
2019 – 2021	Executive Committee
2018 – 2020	Nominations Committee

<u>Non-Elected Position (Invited) University Committees</u>

2021 – present	WTC Governance committee
2016 – present	Information Technology Committee (Incoming – Chair)
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

<u>Non-Elected Position (Invited) Nursing Committees</u>

2021	Doctoral Program Curriculum Ad-hoc committee (Chair)
2020	Dean Entrepreneurship Strategy
2020	T32 Candidate Selection Interview Committee
2020	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)

<u>Other Committees</u>

2020	Puentes 2.0: Using Convergence Science in Population Health
2018-present	Member, Texas CVD-Stroke partnership

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 Charites For America and Dell Jewish Center, Austin, TX
2019	Interview Panelist at the Community Engagement for Assistant Medical Director Position at Austin Public Health

MEDIA COVERAGE

McLure, A. (July 16, 2021). Texas Universities Consider Online 'Paradigm Shift' for Fall and Beyond. *The Daily Campus.* Retrieved https://www.smudailycampus.com/news/texas-universitys-consider-online-paradigm-shift-for-fall-and-beyond

Recent Findings from University of Texas Advance Knowledge in Heart Failure (Usability Testing of a Sensor-Controlled Digital Game to Engage Older Adults with Heart Failure in Physical Activity and Weight Monitoring). (Jan 16, 2021). *Obesity, Fitness & Wellness Week*,3894. https://link.gale.com/apps/doc/A647970525/HRCA?u=txshracd2598&sid=bookmark-HRCA&xid=1ff61c29

Sundaram, V. (2019, June 12). As Death Approaches, Older Indian Americans Unprepared for the End. Retrieved from https://www.indiawest.com/news/global_indian/an-india-west-special-report-as-death-approaches-older-indian/article_9d15a910-8d39-11e9-a4fc-ebfaa99f09c4.html

Nguyen, T. (2019, April 25). New technology research may allow you to play games to keep your heart healthy. Retrieved from https://www.dailytexanonline.com/2019/04/25/new-technology-research-may-allow-you-to-play-games-to-keep-your-heart-healthy

Wiley, K. (2019, Mar 11). Can Managing Chronic Disease Be All Fun and Games? Retrieved from https://nursing.utexas.edu/news/can-managing-chronic-disease-be-all-fun-and-

games-researcher-thinks-digital-games-may-improve

Choi, H. (2016, August 11). Chiron Health Lets Doctors Get Paid for Telemedicine Services. *Silicon Hills News,* Retrieved from http://www.siliconhillsnews.com/2016/08/11/chiron-health-lets-doctors-get-paid-for-telemedicine-services/

Anicka Slachta (Sep 18, 2018). Targeted digital games improve physical CV health—but do little for mental wellness. *Cardiovascular Business.* Retrieved from: https://www.cardiovascularbusiness.com/topics/practice-management/targeted-digital-games-improve-physical-cv-health

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