

Curriculum Vitae
Salimah H. Meghani, PhD, MBE, RN, FAAN
 UNIVERSITY OF PENNSYLVANIA
 School of Nursing

BUSINESS ADDRESS

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 University of Pennsylvania
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 Philadelphia, PA 19104
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EDUCATION

2005	Ph.D.	University of Pennsylvania School of Nursing, Philadelphia, PA	Nursing (Health Disparities) (summa cum laude)
2005	M.B.E.	University of Pennsylvania Perelman School of Medicine, Philadelphia, PA	Biomedical Ethics (summa cum laude)
2001	M.S.N.	University of Pennsylvania School of Nursing, Philadelphia, PA	Adult Acute Care (summa cum laude)
1997	B.S.N.	The Aga Khan University School of Nursing and Midwifery, Karachi	Nursing Education (summa cum laude)

POSTDOCTORAL TRAINING

2005-2007 NIH/NINR (5T32NR007100) Ruth L. Kirschstein National Research Service Postdoctoral Institutional Training, Center for Health Disparities Research, University of Pennsylvania, Philadelphia.

ACADEMIC POSITIONS

2020- Professor (tenured) & Term Chair of Palliative Care, Dept of Biobehavioral Health Sciences, University of Pennsylvania School of Nursing, Philadelphia

2012-2020 Associate Professor (tenured) & Term Chair of Palliative Care, Dept of Biobehavioral Health Sciences, University of Pennsylvania School of Nursing, Philadelphia

2016- Senior Fellow, Leonard Davis Institute of Health Economics
 University of Pennsylvania, Philadelphia, PA

2013- Associate Director, NewCourtland Center for Transitions and Health
 University of Pennsylvania, Philadelphia, PA

2009- Fellow, Institute of Aging, Perelman School of Medicine
 University of Pennsylvania, Philadelphia, PA

2008- Fellow, Abramson Cancer Center
 University of Pennsylvania, Philadelphia

2008- 2012 Associate Fellow, Center for Bioethics, Perelman School of Medicine
 University of Pennsylvania, Philadelphia, PA

2007-2012	Assistant Professor, University of Pennsylvania School of Nursing, Philadelphia, PA
2004-2004	Course Coordinator, NURS-106 Promoting Healthy Lifestyles University of Pennsylvania, Philadelphia, PA
2002-2004	Graduate Teaching Associate, Adult Acute Care Nurse Practitioner Program University of Pennsylvania, Philadelphia, PA NURS762 Principles of Acute Care I & II NURS764 Advanced Technology & Clinical Decision NURS765 Professional Role and Clinical Practicum
2000-2001	Acting Project Manager Center for Clinical Epidemiology & Biostatistics, School of Medicine University of Pennsylvania, Philadelphia
1999-2000	Research Associate Center for Clinical Epidemiology & Biostatistics, School of Medicine University of Pennsylvania, Philadelphia
1997-1999	Instructor, School of Nursing The Aga Khan University, Karachi

CLINICAL POSITIONS

2003-2007	Registered Nurse, Bone Marrow Transplant Unit Thomas Jefferson University Hospital, Philadelphia
2002-2003	Registered Nurse, Cardiac Intermediary Care Hospital of University of Pennsylvania, Philadelphia, PA
1993-1995	Registered Nurse, Post Anesthesia Care Unit, The Aga Khan Hospital

PROFESSIONAL LICENSURE

Registered Nurse: RN-540215 (Pennsylvania, active)

Certified Registered Nurse Practitioner: CRNP-SP007678 (Pennsylvania, inactive)

HONORS/AWARDS

2020	2021 Distinguished Nursing Researcher Award, Hospice and Palliative Nurses Association (HPNA), USA.
2019	Faculty Marshall, University of Pennsylvania School of Nursing Commencement (Faculty Section).
2018	Member, National Academy of Medicine (NAM) Planning Committee, Pain and Symptom Management for People with Serious Illness in the Context of the Opioid Epidemic.
2018	The Oncology Nurse Featured Nurse Scholar
2017	Member, International ADDAPT work group for Addressing Disparities in the Distribution and Assessment of Pain and Its Treatments.
2016	Term Chair of Palliative Care, the award represents a high honor in the university and is an acknowledgement of a high level of productivity of a faculty member.
2015	Barbara J. Lowery Doctoral Student Organization Faculty Award (given by the doctoral students to a member of the faculty that has advanced nursing science through exemplary doctoral student mentorship).

- 2014 Dean's Award for Exemplary Teaching, for demonstrated excellence in teaching that includes knowledge of the subject matter, innovative teaching methods, fostering professional development, and accessibility.
- 2012 Member Institute of Medicine (IOM) Study Committee, Dying in America: Improving Quality and Honoring Individual Preferences Near the End of Life.
- 2013 Chair, American Pain Society Pain and Disparities Shared Interest Group.
- 2012 Fellow, of the American Academy Nursing
- 2011 Visiting Professor, The Aga Khan University, Karachi, Pakistan (TKN; 2011-2014).
- 2011 Anne Keane Teaching Award given in recognition of distinguished teaching that intellectually demanding and permanent in its effect.
- 2010 Distinguished Alumnus Award, the Aga Khan University, Pakistan
- 2009 Junior Faculty Research Award, Department of Biobehavioral Health Sciences, University of Pennsylvania, Philadelphia.
- 2009 Recipient, NIH American Recovery and Reinvestment Act (ARRA) Challenge Grant
- 2007 Appointment, Pennsylvania Advisory Committee, Pennsylvania Order for Life-Sustaining Treatment (pursuant to sec. 5488 of Out-of-Hospital Non-Resuscitation Act).
- 2007 Fellow, NIH/National Cancer Institute Minority Investigators Institute on Behavioral Methodologies.
- 2005 Appointment, Pennsylvania State Taskforce for Quality at the End-of-Life (to assess the status of palliative care in Pennsylvania and formulating recommendations for Governor E. Rendell).
- 2005 Fellow, Harvard Medical School Palliative Care Education and Practice.
- 2004 Isabel Hampton Robb, Nurses' Educational Funds' (Featured Scholar).
- 2006 Dean's Award, awarded to the graduates who epitomize the philosophy of Penn School of Nursing, Philadelphia PA.
- 2004 Marion R. Gregory Award for the Dissertation proposal that "holds significant promise as contribution to nursing knowledge", University of Pennsylvania.
- 2004 Selected, Penn-Hampton Scholar in Health Disparity Research, University of Pennsylvania, School of Nursing; Hampton University, Virginia
- 2003 Teaching Assistant Award, University of Pennsylvania, School of Nursing
- 2002 Vice-president, Doctoral Student Organization, University of Pennsylvania
- 2002 Inducted, Sigma Theta Tau, Honor Society of Nursing, Xi Chapter
- 2001 Marion O. Ware Award for Exceptional Ability in Scholarly Writing, University of Pennsylvania, Philadelphia.
- 2001 National Award Winner, United States Achievement Academy
- 2001 University of Pennsylvania Doctoral Fellowship.
- 1999 The Aga Khan Foundation International Scholar Award
- 1999 Awarded Star Woman 1998 at the IXTH Star Women International Awards Ceremony, Karachi
- 1997 Nursing Leadership Award, The Aga Khan University, Karachi
- 1997 Adult Health Nursing Award, The Aga Khan University, Karachi
- 1997 Nursing Education Award, The Aga Khan University, Karachi
- 1997 Outstanding BSN Graduate Award, The Aga Khan University, Karachi
- 1997 Valedictorian, Commencement Aga Khan University School of Nursing, Karachi
- 1996 Inducted, Rho Delta Chapter, First Sigma Theta Tau Chapter, Karachi

RESEARCH

Dissertation Research

Meghani, S. H. (2005). Factors affecting the negotiation of treatment for cancer pain. Ph.D. Dissertation, University of Pennsylvania, Philadelphia. (Chair, Anne Keane; Scholarly Commons # AAI3179777). *Marion R. Gregory Dissertation Proposal Award*.

Funded Research Grants

- 2019-2024 National Institutes of Health/NINR (R01NR017853)
MEGHANI (PI)
The Role of Opioid Adherence Profiles in Cancer Pain Self-Management and Outcomes
Role: PI
Award: \$2,700, 209
- 2020-2021 National Institutes of Health/NCI (5P30CA016520-44S7)
VONDERHEIDE (PI)
“Prevalence and Perceptions of Cannabis Use among Cancer Patients”.
Role: Project Co-Lead
Award: \$150,000 (supplement)
- 2019-2024 National Institutes of Health/NINR (3U2CNR014637-07S1)
KUTNER (PI)
Palliative Care Research Cooperative Group (PCRC) Refinement and Expansion: ADRD Supplement
**Role: Co-I/Core Co-Director, Data Informatics and Statistics Core*
Award: \$400,585
- 2019-2024 National Institutes of Health/NINR (T32 NR009356-11)
NAYLOR & BOWLES (PI)
Individualized Care for At Risk Older Adults
Role: Co-I
Award: \$2,365,168
- 2018-2023 National Institutes of Health/NINR (U2CNR014637)
KUTNER, RITCHIE, POLLACK (PIs)
Palliative Care Research Cooperative Group (PCRC): Refinement and Expansion
Role: Co-I/Core Co-Director, Data Informatics and Statistics Core
Award: \$6,383,191
- 2016-2020 National Institutes of Health/NCI (R01CA203719)
IM (PI)
To Enhance Breast Cancer Survivorship of Asian Americans
Role: Co-I/Consultant
Award: \$2,876,548

- 2019-2020 Sigma Theta Tau International
COREY (PI)
Latent Profile Analysis to Understand Differences in Psychological Distress and Sleep Quality among Former Family Caregivers of People with Dementia
Role: Co-I
Award: \$5,000
- 2016-2018 American Cancer Society (ACS 128779-PEP-15-186)
MEGHANI (PI)
Sources and Solutions of Persistent Disparities in Cancer Pain Outcomes
Role: PI
Award: \$144,000
- 2015-2016 NewCourtland Center for Transitions and Health, University of Pennsylvania
SMITH-HOWELL (PI)
End-of-life Decision-making among African Americans with Serious Illness and their Families
Role: Co-I
Award: \$10,000
- 2014-2019 National Institutes of Health/NINR (T32NR009356)
NAYLOR & BOWLES (PI)
Individualized care for at risk older adults
Role: Co-I
Award: \$2,212,958
- 2015-2016 NewCourtland Center for Transitions and Health, University of Pennsylvania
MEGHANI (PI)
Walkabout: Mindfulness-based Art Therapy and Mechanisms of Symptom Palliation
Role: PI
Award: \$10,00
- 2012-2014 National Institutes of Health/ NIH Pain Consortium
FARRAR/POLOMANO (PI)
Penn Center for Excellence in Pain Education
Role: Co-I
- 2014-2015 Health Resources & Services Administration (UB4HP 19214)
FORCEIA/BRADWAY (PI)
Geriatric Education Center of Greater Philadelphia Consortium Grant.
Role: Co-I (effort, year 5).
Award: \$483,646
- 2013-2016 National Institutes of Health/NINR (1K01NR014673)
YEAGER (PI)
“Adherence in African Americans Being Treated for Cancer Pain”
Role: Co-Sponsor (Sponsor: Bruner, D).
Award: \$275,283

- 2013-2014 Perelman School of Medicine University of Pennsylvania
MAO (PI)
“Patient-centered integration of acupuncture for cancer pain: a pilot study”
Role: Co-I
Award: \$40,000
- 2009-2012 National Institutes of Health/NINR (1RC1NR011591)
*American Recovery and Reinvestment Act Challenge Grant Award
MEGHANI (PI)
A Novel Approach to Elucidate Mechanisms for Disparity in Cancer Pain Outcomes
Role: PI
Award: \$845,947
- 2011-2013 NewCourtland Center for Transitions and Health, University of Pennsylvania
Older adults and their perspective on chronic conditions
TOWSLEY
Role: Co-I
Award: \$10,000
- 2011-2013 National Institutes of Health/NIA (P30-AG-031043-01)
JOHNSON, J
Penn Resource Center for Minority Aging (RCMAR)
Role: PI (Institutional Award)
Award: \$20,000
- 2009-2010 University of Pennsylvania School of Nursing
ERSEK/MEGHANI
Developing Patient Simulations for Use in the Palliative Care Minor
Role: Co-PI.
Award: \$10,000
- 2008-2009 NIH/National Institute of Nursing Research (K01NR010886)
MEGHANI (PI)
Disparities in analgesic preference for cancer pain: a conjoint analysis study
Role: PI
Award: \$120,064 (*Transitioned due to NIH ARRA Challenge Grant award*)
- 2008-2010 American Cancer Society/Abramson Cancer Center Institutional Research Grant
MEGHANI (PI)
“Developing and field-testing a choice-based conjoint survey to elicit differences in analgesic preference for cancer pain between African Americans and Whites”.
Role: PI
Award: \$30,000
- 2008-2010 Ortho-McNeil Janssen Scientific Affairs Unrestricted Grant
GALLAGHER/MEGHANI (PI)
Pain treatment disparities: Improving clinical practice and policy development.”

Role: Co-PI

Award: \$34,980

- 2006-2008 Ortho-McNeil Janssen Scientific Affair Unrestricted Grant.
GALLAGHER/MEGHANI (PI)
Racial and ethnic disparities in pain treatment
Role: Co-PI
Award: \$20,000
- 2004-2006 Center for Health Equity Research and Promotion Competitive Pilot Award
MEGHANI (PI)
Factors affecting negotiation of cancer pain treatment among African American Veterans
Role: PI
Award: \$15,042
- 2004-2006 Oncology Nursing Society Foundation/Purdue Pharma Trish Greene Nursing Research Grant.
MEGHANI (PI)
Factors affecting negotiation of cancer pain treatment among African Americans”
Role: PI
Award: \$ 9,997
- 2004-2005 Sigma Theta Tau, Xi Chapter Research Award
MEGHANI (PI)
Preference for cancer pain treatment among African Americans
Role: PI
Award: \$ 1,000

PUBLICATIONS

Journal Articles, Peer-Reviewed (*=databased; mentee; ∞=senior author)

1. ***Meghani, S.H.**, Persico, A., Fudin, J., & Knafl, G. (2020). Gaps in the Use of Long-acting Opioids within Intervals of Consecutive Days Among Cancer Outpatients Using Electronic Pill Caps, *Pain Medicine*, 2020 Sep 16:pnaa273. doi: 10.1093/pm/pnaa273. PMID: 32935134.
2. *Belcher, S.M, Watkins-Bruner, D., Hofmeister, C.C, Kweon, J., **Meghani, S.H.**, Quest, T.E., Yeager, K. (2020). Characterizing the pain experience of African American patients with multiple myeloma taking around-the-clock opioids. *Clin J Oncol Nurs*. 2020 Oct 1;24(5):538-546. doi: 10.1188/20.CJON.538-546. PMID: 32945786.
3. *∞**Starr, L.**, Ulrich, C, Junker, P., Huang, L., O'connor, N., & **Meghani, S.H.** (2020). Patient Risk Factor Profiles Associated with the Timing of Goals-of-Care Consultation Before Death: A Classification and Regression Tree Analysis. *American Journal of Hospice and Palliative Medicine (epub ahead of print)*, PMID: 32602349.

4. [∞Rosa, W.E., Meghani, S.H., Stone, P.W. & Ferrell, B.R. \(2020\).](#) Guest Editorial: Opportunities for Nursing Science to Advance Patient Care in a Time of Pandemic: A Palliative Care Perspective, *Journal of Nursing Scholarship*, doi: 10.1111/jnu.12570 PMID: PMC7323245.
5. [∞Rosa, W.E., Gray, T.F., Chow, K., Davidson, P., Dionne-Odom, N., Karanja, V., Khanyola, J., Kpoeh, J, Lusaka, J., Matula, S., Mazanec, P., Moreland, P., Pandey, A., de Campos, P., & Meghani, S.H. \(2020\).](#) Recommendations to Leverage Palliative Nursing Role During COVID-19 and Future Public Health Crisis. *Journal of Hospice and Palliative Nursing*. DOI: 10.1097/NJH. PMID: 32511171.
6. Mintz, J., Wahood, W. **Meghani, S.H.**, Rajput, V. (2020). Emergency Transition to Virtual Education during COVID-19: Lessons and Opportunities for Experiential Learning and Practice Socialization, *Medical Education: An official AMEE Journal*, (epub ahead of print) <https://doi.org/10.15694/mep.2020.000144.1>.
7. Schatz, A., Oliver, T., Swarm, R., Paice, J., Darbari, D., Dowell, D., **Meghani, S.H.**.... Hudis, C. Carlson, R. (2020). Bridging the Gap among Clinical Practice Guidelines for Pain Management in Cancer and Sickle Cell Disease. *Journal of National Comprehensive Cancer Network*. (4):392-399. PMID: 32259777.
8. *Liou, K.T., Trevino, K.M., **Meghani, S.H.**, Li, S.Q., Deng, G., Korenstein, D., Mao, J.J. (2020). Fear of Analgesic Side Effects Predicts Preference for Acupuncture: A Cross-Sectional Study of Cancer Patients with Pain in the United States *Supportive Care in Cancer*, Support Care Cancer. doi: 10.1007/s00520-020-05504-y. PMID: 32383073.
9. *[∞Starr, L., Ulrich, C, Junker, P., Appel, S. & O'connor, N., Meghani, S.H. \(2020\).](#) Goals-of-Care Consultation Associated with Increased Hospice Enrollment Among Propensity-Matched Cohorts of Seriously Ill African American and White Patients. *Journal of Pain and Symptom Management*, doi: 10.1016/j.jpainsymman.2020.05.020. PMID: 32454185.
10. *Kang, Y., **Meghani, S.H.** Bruner, D. Yeager, K. (2020). Factors Associated with Depression in African American Patients Being Treated for Cancer Pain. *Pain Management Nursing*, DOI: 10.1016/j.pmn.2020.03.006. PMID: 32513560.
11. Schatz, A., Oliver, T., Swarm, R., Paice, J., Darbari, D., Dowell, D., **Meghani, S.H.**.... Hudis, C. Carlson, R. (2020). Bridging the Gap among Clinical Practice Guidelines for Pain Management in Cancer and Sickle Cell Disease. *JCO Oncol Practice*, JOP1900675. doi: 10.1200/JOP.19.00675. PMID: 32255722.
12. Nugent, S. M., **Meghani, S. H.**, Rogal, S. S., & Merlin, J. S. (2020). Medical Cannabis Use Among Individuals with Cancer: An Unresolved and Timely Issue. *Cancer*, 126(9):1832-1836. doi: 10.1002/cncr.32732. PMID: 32012232.
13. *[∞Starr, L., Ulrich, C, Appel, S. & Junker, P., O'connor, N., Meghani, S.H. \(2020\).](#) Goals-of-Care Consultations are Associated with Lower Costs and Less Acute Care Use Among Propensity-Matched Cohorts of African Americans and Whites with Serious Illness. *Journal of Palliative Medicine*, doi: 10.1089/jpm.2019.0522. PMID: 32345109.
14. *[Corey, K, McCurry, M, Sethares, K, Bourbonniere, M, Meghani, S.H., Hirschman, K. \(2020\).](#) The Post-caregiving Health Model: A Theoretical Framework for Understanding the Health of Former Family Caregivers of Persons with Dementia, *Advances in Nursing Science*, doi: 10.1097/ANS.0000000000000316. PMID: 32427606.

15. Ludwick, A., Corey, K., & Meghani, S. (2020). Racial and Socioeconomic Factors Associated with the Use of Complementary and Alternative Modalities for Pain in Cancer Outpatients: An Integrative Review. *Pain Manag Nurs.* 2020 Apr;21(2):142-150. doi: 10.1016/j.pmn.2019.08.005. PMID: 31928745.
16. *Meghani, S.H., Wool, J., Davis, J., Yeager, K.A, Mao, J.J., Barg, F.K. (2019). When patients take charge of opioids: Self-management concerns and practices among cancer outpatients in the context of opioid crisis. *J Pain Symptom Manage.* 2020 Mar;59(3):618-625. doi: 10.1016/j.jpainsymman.2019.10.029. PMID: 31711967
17. *Meghani, S. H., Rosa WE, Chittams J, Vallerand AH, Bao T, Mao JJ. (2019). Both Race and Insurance Type Independently Predict the Selection of Oral Opioids Prescribed to Cancer Outpatients. *Pain Manag Nurs*, 21(1):65-71. doi: 10.1016/j.pmn.2019.07.004.
18. *Washington KT, Oliver DP, Smith JB, Kruse RL, **Meghani S.H.**, Demiris G. (2019). Comparison of Rural and Urban Hospice Family Caregivers' Cancer Pain Knowledge and Experience. *J Pain Symptom Manage*, 58(4):685-689. doi: 10.1016/j.jpainsymman.2019.07.010.
19. *Rosa WE, Chittams, J., Riegel, B., Ulrich, C.M., & Meghani S.H. (2019). Patient Trade-Offs Related to Analgesic Use for Cancer Pain: A MaxDiff Analysis Study. *Pain Manag Nurs.* S1524-9042. doi: 10.1016/j.pmn.2019.07.013.
20. **Meghani, S. H., & Liou, K. T.** (2019). Demographic and Clinical Factors Associated with Patient Adherence to Acupuncture Treatment by Lam, et al; doi: 10.1089/acm.2018.0267). *J Altern Complement Med.* doi:10.1089/acm.2019.0049.
21. Rosa, WE, Riegel B, Ulrich CM, Meghani S.H. (2019). A concept analysis of analgesic nonadherence for cancer pain in a time of opioid crisis. *Nurs Outlook.* 68(1):83-93. doi: 10.1016/j.outlook.2019.06.017.
22. *Yeager, K. A., Williams, B., Bai, J., Cooper, H. L. F., Quest, T., **Meghani, S. H., & Bruner, D. W.** (2019). Factors Related to Adherence to Opioids in Black Patients With Cancer Pain. *J Pain Symptom Manage*, 57(1), 28-36. doi:10.1016/j.jpainsymman.2018.10.491.
23. *Liao KT, Hung TKW, **Meghani S.H.**, (2019). Epstein AS, Li QS, Romero SAD, Cohen RB, Mao JJ. What if Acupuncture Were Covered by Insurance for Pain Management? A Cross-Sectional Study of Cancer Patients at One Academic Center and 11 Community Hospitals. *Pain Medicine.* <https://doi.org/10.1093/pm/pnz087>.
24. Foxwell, A. M., Uritsky, T., & Meghani, S. H. (2019). Opioids and Cancer Pain Management in the United States: Public policy and legal challenges. *Semin Oncol Nurs.* doi:10.1016/j.soncn.2019.04.015.
25. *Starr, L. T., Ulrich, C. M., Corey, K. L., & Meghani, S. H. (2019). Associations Among End-of-Life Discussions, Health-Care Utilization, and Costs in Persons With Advanced Cancer: A Systematic Review. *Am J Hosp Palliat Care*, 1049909119848148. doi:10.1177/1049909119848148.
26. Laury, E. R., MacKenzie-Greenle, M., & Meghani, S.H. (2019). Advance Care Planning Outcomes in African Americans: An Empirical Look at the Trust Variable. *J Palliat Med*, 22(4), 442-451. doi:10.1089/jpm.2018.0312.
27. Tarbi, E. C., & Meghani, S. H. (2019). Existential experience in adults with advanced cancer: A concept analysis. *Nurs Outlook.* doi:10.1016/j.outlook.2019.03.006.

28. Greene, M. Z., Hughes, T. L., Sommers, M. S., Hanlon, A., & **Meghani, S. H.** (2019). Association of Pregnancy History and Cervical Cancer Screening in a Community Sample of Sexual Minority Women. *J Womens Health (Larchmt)*, 28(4), 526-534. doi:10.1089/jwh.2018.6960.
29. Greene, M. Z., Hughes, T. L., Hanlon, A., Huang, L., Sommers, M. S., & **Meghani, S. H.** (2019). Predicting cervical cancer screening among sexual minority women using Classification and Regression Tree analysis. *Prev Med Rep*, 13, 153-159. doi:10.1016/j.pmedr.2018.11.007
30. **Meghani, S. H.**, & Vapiwala, N. (2018). Bridging the Critical Divide in Pain Management Guidelines From the CDC, NCCN, and ASCO for Cancer Survivors. *JAMA Oncol*, 4(10), 1323-1324. doi:10.1001/jamaoncol.2018.1574.
31. **Meghani, S. H.**, Peterson, C., Kaiser, D. H., Rhodes, J., Rao, H., Chittams, J., & Chatterjee, A. (2018). A Pilot Study of a Mindfulness-Based Art Therapy Intervention in Outpatients With Cancer. *Am J Hosp Palliat Care*, 35(9), 1195-1200. doi:10.1177/1049909118760304
32. MacKenzie, M. A., Smith-Howell, E., Bomba, P. A., & **Meghani, S. H.** (2018). Respecting Choices and Related Models of Advance Care Planning: A Systematic Review of Published Evidence. *Am J Hosp Palliat Care*, 35(6), 897-907. doi:10.1177/1049909117745789.
33. O'Connor, N. R., Junker, P., Appel, S. M., Stetson, R. L., Rohrbach, J., & **Meghani, S. H.** (2018). Palliative Care Consultation for Goals of Care and Future Acute Care Costs: A Propensity-Matched Study. *Am J Hosp Palliat Care*, 35(7), 966-971. doi:10.1177/1049909117743475.
34. Bader, C. E., Giordano, N. A., McDonald, C. C., **Meghani, S. H.**, & Polomano, R. C. (2018). Musculoskeletal Pain and Headache in the Active Duty Military Population: An Integrative Review. *Worldviews Evid Based Nurs*, 15(4), 264-271. doi:10.1111/wvn.12301.
35. Shin, S., Mitchell, C., Mannion, K., Smolyn, J., & **Meghani, S. H.** (2018). An Integrated Review of Cannabis and Cannabinoids in Adult Oncologic Pain Management. *Pain Manag Nurs*. doi:10.1016/j.pmn.2018.09.006.
36. Bai, J., Brubaker, A., **Meghani, S. H.**, Bruner, D. W., & Yeager, K. A. (2018). Spirituality and Quality of Life in Black Patients with Cancer Pain. *J Pain Symptom Manage*, 56(3), 390-398. doi:10.1016/j.jpainsymman.2018.05.020.
37. Bao, T., Seidman, A., Li, Q., Seluzicki, C., Blinder, V., **Meghani, S. H.**, . . . Mao, J. J. (2018). Living with chronic pain: perceptions of breast cancer survivors. *Breast Cancer Res Treat*, 169(1), 133-140. doi:10.1007/s10549-018-4670-9.
38. MacKenzie G. M., Morgan, B., Sayani, S., & **Meghani, S. H.** (2018). Identifying Mobile Apps Targeting Palliative Care Patients and Family Members. *J Palliat Med*, 21(10), 1380-1385. doi:10.1089/jpm.2018.0157
39. Mooney-Doyle, K., Deatrck, J. A., Ulrich, C. M., **Meghani, S. H.**, & Feudtner, C. (2018). Parenting in Childhood Life-Threatening Illness: A Mixed-Methods Study. *J Palliat Med*, 21(2), 208-215. doi:10.1089/jpm.2017.0054.

40. Corey, K. L., McCurry, M. K., Sethares, K. A., Bourbonniere, M., Hirschman, K. B., & **Meghani, S. H.** (2018). Predictors of psychological distress and sleep quality in former family caregivers of people with dementia. *Aging Ment Health*, 1-9. doi:10.1080/13607863.2018.1531375.
41. Corey, K. L., McCurry, M. K., Sethares, K. A., Bourbonniere, M., Hirschman, K. B., & **Meghani, S. H.** (2018). Utilizing Internet-based recruitment and data collection to access different age groups of former family caregivers. *Appl Nurs Res*, 44, 82-87. doi:10.1016/j.apnr.2018.10.005.
42. Greene, M. Z., **Meghani, S. H.**, Sommers, M. S., & Hughes, T. L. (2018). Health Care-Related Correlates of Cervical Cancer Screening among Sexual Minority Women: An Integrative Review. *J Midwifery Womens Health*. doi:10.1111/jmwh.12872.
43. Stout, E., Sexton, P. **Meghani, S.H.** (2017). Racial differences in adherence to prescribed analgesia in cancer patients: An integrated review of quantitative research, *Journal of Clinical Outcomes Management*, 24(1), 39-48.
44. Cho, E., Kim, H., Kim, J., Lee, K., **Meghani, S. H.**, & Chang, S. J. (2017). Older Adult Residents' Perceptions of Daily Lives in Nursing Homes. *J Nurs Scholarsh*, 49(5), 495-503. doi:10.1111/jnu.12314
45. **Meghani, S. H.**, & Knafl, G. J. (2017). Salient concerns in using analgesia for cancer pain among outpatients: A cluster analysis study. *World J Clin Oncol*, 8(1), 75-85. doi:10.5306/wjco.v8.i1.75
46. **Meghani, S. H.**, MacKenzie, M. A., Morgan, B., Kang, Y., Wasim, A., & Sayani, S. (2017). Clinician-Targeted Mobile Apps in Palliative Care: A Systematic Review. *J Palliat Med*, 20(10), 1139-1147. doi:10.1089/jpm.2017.0070.
47. O'Connor, M., Hanlon, A., Mauer, E., **Meghani, S.**, Masterson-Creber, R., Marcantonio, S.,... Naylor, M. (2017). Identifying distinct risk profiles to predict adverse events among community-dwelling older adults. *Geriatr Nurs*, 38(6), 510-519. doi:10.1016/j.gerinurse.2017.03.013.
48. **Meghani, S. H.** (2016). Intended Target of the Centers for Disease Control and Prevention Opioid Guidelines. *JAMA Oncol*, 2(9), 1243. doi:10.1001/jamaoncol.2016.2185.
49. MacKenzie, M. A., Buck, H. G., **Meghani, S. H.**, & Riegel, B. (2016). Unique Correlates of Heart Failure and Cancer Caregiver Satisfaction With Hospice Care. *J Pain Symptom Manage*, 51(1), 71-78. doi:10.1016/j.jpainsymman.2015.09.001.
50. **Meghani, S. H.**, & Knafl, G. J. (2016). Patterns of analgesic adherence predict health care utilization among outpatients with cancer pain. *Patient Prefer Adherence*, 10, 81-98. doi:10.2147/PPA.S93726.
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87. Wool, J., Irving, S., **Meghani, S.H.** & Ulrich, C. Parental Decision-Making in the Pediatric Intensive Care Unit: An Integrative Review. *Journal of Family Nursing* (accepted, in-press).
88. ***Meghani, S.H.**, Levoy, K., Corey, K., Starr, L., Yocavitch, L., Barg, F. (2020). "I'm Dealing with That": Illness Concerns of African American and White Cancer Patients while Undergoing Active Cancer Treatments. *American Journal of Hospice and Palliative Medicine*. (accepted, in-press).

Abstracts, Peer-Reviewed (*data-based)

1. Li, B. Quinn, R., **Meghani, S.H.** & Rajput, V. (2020). Segregation Can Predict COVID-19 Fatalities in Less Densely Populated Counties. American Medical Association (AMA) Research Symposium (accepted).

2. Foxwell, A., Ulrich, C. & **Meghani, S.H.** Palliative Care Consultation for Clinician Distress Through the Philosophical Lenses of the Social Construct of Gender & Phenomenology, *The Gerontological Society of America (GSA) 2020 Annual Scientific Meeting Online* (accepted).
3. *∞Tarbi, E. Gramling, R., Bradway, C., **Meghani, S.H.** (2020). “If It's the Time, It's the Time”: Existential Communication in Naturally Occurring Palliative Care Conversations with Individuals with Advanced Cancer, Their Families, and Clinicians. *Journal of Pain and Symptom Management*, 60(1):203-204.
4. *∞Rosa, W., Ulrich, C., Riegel, B., Chittams, J., & **Meghani, S.H.** (2020). Analgesic Treatment Beliefs for Cancer Pain and the Effect on Adherence Behaviors, *Nursing Research* 69(3), E74-E75.
5. *Mooney-Doyle, K, Deatrck, J., Ulrich, C., **Meghani, S.H.** & Feudtner, C. (2020). Parenting in Serious Pediatric Illness: A Mixed Methods Study. *Journal of Pain and Symptom Management*, 60 (1), 285-286.
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7. *Corey, KL, Hirschman, K., Starr, LT, **Meghani, S.H.** (2019). Trajectories and Correlates of Post-Loss Depressive Symptoms in Former Dementia Caregivers. *Innovation in Aging* (Supplement_1), S110-S111.
8. ***Meghani, S.H.**, Wool, J., Yocavitch, L., Barg, F., Vapiwala, N. (2019). Prescribed opioid use patterns among cancer outpatients: Uncovering critical gaps in education, evidence, and practice. *Pain Medicine*, 20 (3), 584. <https://doi.org/10.1093/pm/pny317>.
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11. ***Meghani, S.H.**, Yocavitch, L. & Barg, F. (2018). Improving Supportive Care Access Among Cancer Outpatients: The Preliminary Design of a Data-Driven and Technology-Based Intervention. *Journal of Pain and Symptom Management*, 55 (2), p. 669.
12. *Yeager, K, **Meghani, S.**, Cooper, H., Quest, T., Williams, B. Kweon, J....Bruner, D. (2016). Opiate adherence in African Americans being treated for cancer pain. *The Journal of Pain*, 17 (4), S71.
13. ***Meghani, S.H.** & Robinson, A. (2015). African Americans with cancer pain are more likely to make analgesic use decisions based on side-effects. *The Journal of Pain*, 16 (4), S35.
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15. *VanCleave, J, Egleston, B, Abbott, K, Hirschman...**Meghani, S.H.** & Naylor, M. (2015). Use of short-term skilled nursing stays by older adults living with cancer as one of multiple chronic conditions. *Gerontologist* 55, 22-23.
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21. ***Meghani, S.H.** Hanlon, A., Robinson, A; Riegel, B., & Bruner, D. (2012). Pain Treatment Outcomes among African-Americans and Whites: Evidence of Age-Race Disparities, *Gerontologist*, 52(S1), p. 62.
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29. ***Meghani, S.H.** (2006). Preference for analgesic treatment for cancer pain among African American Veterans and non-Veterans: A descriptive study. *Gerontologist*, 46, 105.
30. ***Meghani, S.H.** (2004). Inequities in opioid availability for cancer pain relief in the source and transit countries for illicit narcotics. *Gerontologist*, 44 (special issue 1), 73547.
31. **Meghani, S.H.** (2003). Palliative care: An evolutionary concept analysis. Symposium, Broadening palliative care theory and practice: An interdisciplinary view. *Gerontologist*, 43, 358-359.
32. Stanley, G. & **Meghani, S. H.** (1999). Teaching/learning nursing concepts and theories in a palliative care setting in Pakistan. *Chinese Journal of Clinical Oncology*, 26 (suppl.) 26.

Chapters in Books, Monographs, Committee Reports

1. Expert Panel Report, American Academy of Nursing Statement. Nursing's Roles and Responsibilities to Ensure Universal Palliative Care Access: A Consensus Paper of the American Academy of Nursing Expert Panels (in-press, 2020).
2. Foxwell AM & **Meghani SH**. (2019). Palliative & End-of-Life Care. In Hinke, J (Ed.), *Brunner & Suddarth's Textbook of Medical-Surgical Nursing, 15th edition*. Philadelphia: Wolters Kluwer Health/Lippincott, Williams & Wilkins.
3. Compton, P., Chang, Y.P., **Meghani, S.H.** (2019). "Caring for the Patient with Substance Use Disorder at the End of Life", In: Ferrell, B., and Paice, J. (eds.), *Oxford Textbook of Palliative Nursing, 5th ed.* (pp. 521-529). Oxford University Press, New York, NY (*the book received first place in categories of Advanced Practice Nursing and Palliative Care and Hospice; the awards included in the January issue of AJN*).
4. **Meghani, S.H.** & Green, C. (2018). Racial and Ethnic Disparities in Pain. *Handbook of Pain and Palliative Care*, 2nd ed (Moore, R, ed). Springer. 821-834.
5. Institute of Medicine Study Committee (2014). Dying in America: Improving Quality and Honoring Individual Preferences Near the End of Life. Washington, DC: *The National Academies Press*.
6. **Meghani, S.H.** & Isacoff, O. (2013). Patient-Provider Ethnic Concordance in Pain: Negotiating the Intangible Barrier. In *Culture, Brain & Analgesia: Understanding and managing pain in diverse populations*: Incayawer & Todd (eds). New York: Oxford University Press.
7. **Meghani, S.H.** & Rajput V. (2010). Surrogate Decision-Makers' Perspectives on Discussing Prognosis in the Face of Uncertainty. *Critical Care Medicine*. Dellinger, P. R. & Parrillo, J. E. (eds.): Elsevier.
8. **Meghani, S.H.** (2007). Minorities Section, In: *Improving End-of-Life Experiences for Pennsylvanians*. Quality at the End of Life for Pennsylvania.
9. Bernard, D., Black, J., Donaghue, L., Fowler, N., Hughes, C... **Meghani, S.H.**, Suroviec, S., et al. (2005). *End-Of-Life Care in Pennsylvania: A Background Paper*.

Alternative Media/News Coverage [select interviews and coverage in press].

- 2019 The New York Times. Health Officials Urge Caution in Reducing Opioids for Pain Patients. (Oct. 10, 2019; Interview).
- 2019 The Philadelphia Inquirer. "Cancer patients' desire to avoid opioids puts them at risk of harm including overdose, Penn study finds" (December 21, 2019, Interview).
- 2019 The Washington Post. Is bias keeping female, minority patients from getting proper care for their pain? (July 29, 2019, Interview).
- 2019 Consumer Reports. 'All in Your Head'? Getting Care for Untreated Pain. Studies show that many doctors dismiss pain symptoms based on patients' race, gender, and age. (May 2, 2019, Interview).
- 2019 Yahoo News, Nasdaq (and 16 other news outlets). CDC Issues Key Clarification on Guideline for Prescribing Opioids for Chronic Pain: Agency Clarifies CDC Guideline

- Not Meant to Limit Access to Appropriate Pain Management for Individuals with Cancer, Sickle Cell Disease (Coverage).
- 2018 BBC News. The hidden ways your gender affects your healthcare. 29 May 2018 (Coverage).
- 2018 National Pain Report (and 10 other news outlets). Is Guidance on Opioid Prescribing Jeopardizing Pain Management for Cancer Patients (Coverage).
- 2018 The Philadelphia Inquirer Opioid prescribing guidelines frustrate cancer doctors as well as their patients. June 7, 2018 (Coverage)
- 2016 The Daily Pennsylvanian. Learning Loss: Nursing students cope with patient death. February 24, 2016 (Interview).
- 2016 The New York Times. Finding Good Pain Treatment Is Hard. If You're Not White, It's Even Harder (August 9, 2016, Interview)
- 2016 The Guardian. Black Americans are less likely to be prescribed painkillers – why? August 21, 2016. (Interview).
- 2016 Kaiser Health News. Minorities Receive Less Treatment For Pain Due To Racial Bias, Stereotyping: Researchers. August 9, 2016.
- 2016 Medical Ethics Advisor. New Palliative Care Policy Aims to Reduce Barriers. November 1, 2016. (Interview).
- 2014 The Philadelphia Inquirer. Doctors struggle with telling patients the end is near. December 15, 2014. (Interview).
- 2014 The Oncology Times. Disparities Found in Opioid-Prescribing Patterns in African Americans with Cancer. Vol 36 (17), p. 31-32. (Coverage).

Invitations, Speeches and Panels [*indicates featured speaker]

- 2020 *Plenary Speaker, The Inaugural U.S. Association for the Study of Pain (accepted invitation, held Dec 11, 2020).
- 2020 Speaker, Inaugural US World Hospice and Palliative Care (WHPCA) Conference
- 2020 Facilitator, Massive Open Online Course (MOOC) on Implementation Research (developed by TDR, Special Program for Research and Training in Tropical Diseases, hosted by the World Health Organization).
- 2020 *Keynote Speaker, the International Nurses and Midwives Day, Nurses a Voice to Lead, Nursing the World to Health. The Aga Khan University, Pakistan [virtual].
- 2020 Faculty and Co-developer: Penn Nursing Online Learning Module, Introduction to Pain Management.
- 2020 Speaker, Mixed-methods Data Repository in EOLPC. Palliative Care Research Cooperative Annual Meeting, Denver, CO.

- 2019 *Keynote Speaker, The 4th Annual Beaumont Health Nursing Research/EBP Conference, November 12, 2019, Southfield, Michigan.
- 2019 *Keynote Speaker, Robert Wood Johnson Foundation Future of Nursing Scholars Summer Institute 2019, Atlanta, GA.
- 2019 *Keynote Speaker, An Urban Perspective to Opioid Epidemic: Opportunities Amidst a Grim Crisis. Wayne State University College of Nursing, Detroit, MI.
- 2019 *Featured speaker, Pain care at the intersection of the opioid crisis: Provider bias, Patient self-management and more, Penn Medicine Health Equity Week, Philadelphia, PA.
- 2019 Palliative Care Research Cooperative DISC Resources. Palliative Care Research Cooperative Annual Meeting, Denver, CO.
- 2018 *Invited Panelist, Bridging the Critical Divide Among Clinical Practice Guidelines for Cancer Pain, co-sponsored by the National Comprehensive Cancer Network/American Society of Clinical Oncology, Alexandria, VA.
- 2018 *Keynote, Pain care at the intersection of opioid crisis and potential widening of pain care disparities. Research Colloquium, Office of Nursing Research, University of Pennsylvania, Philadelphia, PA.
- 2018 Panelist, Disparities and Determinants. Robert Wood Johnson Foundation Future of Nursing Scholars Summer Institute 2018, St. Paul, MN.
- 2018 *Expert Lecture, How Are CDC Opioid Guidelines Shaping Clinical Pain Practice and Patient Outcomes? Univadis: The largest online learning platform for physicians. <https://www.quantiamd.com>.
- 2017 Invited Speaker, Clinical Perspectives on Disparities in Pain and Its Treatment. ADDAPT working group, Potomac, MD.
- 2017 Racial and ethnic disparities in pain treatment in primary care. Pain Medicine and Rehabilitation Grand Rounds, New York University, New York, NY.
- 2017 Expert Lecture, Are You Contributing to Disparities in Pain Treatment? QuantiaMD: The largest online learning platform for physicians. <https://www.quantiamd.com>.
- 2016 Sources and solutions of persistent disparities in cancer pain outcomes. Kathleen Foley Research Symposium, Quebec, Canada.
- 2016 *Invited panelist, National Institutes of Health/NINR Successful Midcareer Investigator Technical Workshop. To Build a Successful and Sustained Program of Research, ENRS, Pittsburgh, PA.

- 2016 *Featured speaker, The Role of Racial and Ethnic Diversity in Addressing Advance Care Planning for Patients and Families. The Inaugural Esther Schwartz National Conference, Villanova, PA.
- 2016 Center for Health Equity Research Panelist, Intersections of bioethics, health equity and disparities. University of Pennsylvania.
- 2015 *Featured speaker, Dying in America: IOM Report and Recommendations for Reimagining EOL Care, Regional Palliative Care Consortium, Abington, PA.
- 2015 Our Health, Our Future: Reimagining the End of Life: Conversation with the Experts (Moderated by the award winning journalist, Jackie Judd), Philadelphia.
- 2015 The Equity Ideal and Why We Fall Behind? Disentangling sources of disparities in pain treatment. Sigma Theta Tau Xi Chapter Spring Colloquium, Philadelphia PA
- 2015 Geriatric Grad Rounds, Geriatric Education Center of Greater Philadelphia Institute of Medicine Report, Dying in America: Improving Quality and Honoring Individual Preferences Near the End of Life: Recommendations and Directions for Practice. Division of Geriatric Medicine, Philadelphia, PA.
- 2015 Nursing Grand Rounds: Institute of Medicine Report, Dying in America: Nursing Implications, Hospital of the University of Pennsylvania, Philadelphia, PA.
- 2014 Ethics Committee Grand Rounds, Institute of Medicine Report, Dying in America: Improving Quality and Honoring Individual Preferences Near the End of Life: Recommendations and Directions for Practice. Hospital of University of Pennsylvania, Philadelphia, PA.
- 2014 Geriatric Grad Rounds, Geriatric Education Center of Greater Philadelphia Division of Geriatric Medicine, Racial and Ethnic disparities in Pain Outcomes in the United States. Philadelphia, PA.
- 2014 Interdisciplinary Pain Seminar Series. Are some of us more equal? Racial and Ethnic disparities in Pain Outcomes in the United States. Philadelphia, PA.
- 2012 *Panelist, Disparities in Pain Care: Methodological Challenges and Novel Interventions. American Pain Society's 31st Scientific Meeting, Honolulu, HI.
- 2012 State of Palliative Care in the Developing World. The Aga Khan University, Karachi, Pakistan (via Skype).
- 2011 Concepts in Measurement: Validity, Reliability, and Transferability. The Aga Khan University, Karachi, Pakistan.
- 2011 Concepts in Sampling and Power Analysis. The Aga Khan University, Karachi, Pakistan.

- 2010 Cooper Hospital Internal Medicine Grand Rounds. Disparities vs. Inequities in Health using Pain Treatment as an Exemplar. Cooper University Hospital, Camden, NJ.
- 2009 Panelist, Abramson Cancer Center Cancer Control Program (CCP). Annual Retreat: Developing a Paradigm of Personalized Medicine in Population Science. Disparities Forum. Philadelphia, PA.
- 2010 *Featured speaker, Disentangling Race and Socioeconomic Status in Pain Care Disparities (Co-debater, M. Schatman, PhD), American Pain Society Pain Disparities SIG, Baltimore, MD.
- 2010 *Featured speaker, Are Some of Us More Equal: The Effect of Race versus Socioeconomics in Pain Treatment Disparities Research, Sigma Theta Tau Xi-Chapter Fall Speaker, Philadelphia, PA.
- 2010 Panelist, Overcoming Disparities in Pain Management: Beyond the Decade of Pain, American Society of Pain Management Nursing, Minneapolis, MN.
- 2009 *Keynote Speaker, Disparities versus Inequities: Examining the Various Sources of Disparities in Pain Treatment, Drexel University Dean's Doctoral Nursing Colloquia, Philadelphia, PA
- 2009 *Featured speaker, Cultural Competence. Beyond Race and Ethnicity, Penn Medicine 2nd Bi-Annual Cultural Competence Symposium, Philadelphia, PA.
- 2009 *Evidenced-based Nursing: Preparing Nurse Clinicians and Researchers for the 21st Century. Ismaili Health Professional Association, Orlando, Florida.
- 2007 *Featured Speaker, Annual Nurses' Week Celebration, Department of Veterans Affairs, Philadelphia, PA.
- 2006 Advocacy in Action: How our health care system fails patients and nurses and nurses' role in fixing it. Health Disparity Sub-forum. Nurse Alliance of Pennsylvania Conference, Harrisburg, PA.
- 2002 *Endnote Speaker, Disparities in the Availability of Opioids for Pain Relief in Developing Countries in an Era of Global Aging. First Annual Aging and Health Research Conference Drexel University, Philadelphia, PA.

MEMBERSHIPS IN PROFESSIONAL & SCIENTIFIC SOCIETIES

Member, American Nurses Association
 Member, American Academy of Nursing
 Member, Hospice and Palliative Nurses' Association
 Full member, Palliative Care Research Cooperative

EDITORIALS/ PEER-REVIEWER (Ad hoc or standing)*JAMA**JAMA Oncology**Journal of the National Cancer Institute, NCI (Oxford Press)**Pain Medicine (Editorial Board)**Pain Management Nursing**Archives of Internal Medicine**Health Services Research**Joint Commission Journal on Quality and Patient Safety**Journal of American Geriatric Society**Journal of Palliative Care**BMC Palliative Care**Journal of Pain and Symptom Management**Pain Management**American Journal of Preventive Medicine**Oncology and Therapy (Springer)**World Health Organization, Eastern Mediterranean Health Journal***OTHER SELECTED PROFESSIONAL ACTIVITIES****National/International**

- | | |
|--------------|--|
| 2020 | Faculty, <i>Clinical Trials Intensive</i> , Hybrid Implementation-Effectiveness and Mixed-Methods Design, Palliative Care Research Cooperative, Chapel Hill, NC. |
| 2020 | Member, Dean's Search Committee, School of Nursing and Midwifery, the Aga Khan University, Karachi Pakistan. |
| 2019 | Reviewer, PCRC Clinical Trial Intensive Alzheimer's and related dementia proposals. |
| 2019-present | Member, The North American working group on pain and opioids in individuals with serious illness (Merlin, J). |
| 2018-present | Chair, Advisory Group, Palliative Care Research Cooperative Qualitative and Mixed-methods Data Repository in End of Life and Palliative Care. |
| 2018 | Member, planning committee, National Academies of Sciences, Engineering, and Medicine's Roundtable on Quality Care for People with Serious Illness Workshop: Pain and Symptom Management for People with Serious illness in the Context of the Opioid Crisis. (Chair, Tulsky, J & Dreyfus, A). |
| 2017-present | Member, International ACTTION Working Group for Addressing Disparities in the Distribution and Assessment of Pain and Its Treatments (ADDAPT) (Dworkin). |
| 2016 | Grant Reviewer, National Institutes of Health, NRCS Study Section, Washington, DC. |
| 2015 | Report Reviewer, National Academy of Medicine (NAM): Assessing Progress on the IOM Report the Future of Nursing. |

2013- 2015	Chair, American Pain Society Pain and Disparities Shared Interest Group.
2012-2014	Member, IOM Committee Approaching Death: Addressing Key End of Life Issues (Chairs: Pizzo, P; Walker, D).
2011-2014	Visiting professor, and External Examiner, Masters in Nursing Thesis, The Aga Khan University Karachi, Pakistan (Chaired and examined 33 research thesis).
2011-present	Editorial Board, Pain Medicine, The Official Journal of the American Academy of Pain Medicine.
2011-2013	Chair-Elect, American Pain Society's Pain and Disparities Shared Interest Group
2012-2015	National Board Member, The Aga Khan Health Board for the United States.
2009	Grant Reviewer, National Institutes of Health, Special Emphasis Panel (ZRG1 HDM-G).

State-level

2007-2009	Member Advisory Committee, Pennsylvania Department of Health's Patient Life Sustaining Wishes (PLSW) and Pennsylvania Orders for Life Sustaining Treatment (POLST).
2005-2007	Member, Governor-appointed Pennsylvania Department of Aging Taskforce for Quality at the End for Life for Pennsylvanians.

SERVICE ACTIVITIES AT CURRENT PLACE OF EMPLOYMENT [If University of Pennsylvania, first list School of Nursing Committees followed by University Committees]

Penn Nursing

2020-	Member	PhD Curriculum Committee
2020-	Member	Taskforce, Modular Curriculum, PhD Curriculum Committee
2020-2021	Member	Academic Standards and Progressions Committee
2020-	Member	Personnel Committee
2019-2020	Chair	Faculty Senate, University of Pennsylvania
2018-2019	Chair-Elect	Faculty Senate, University of Pennsylvania
2019-2020	Co-Chair	Penn Nursing, Inaugural Teaching Learning Initiative
2020	Member	Search Committee, Assistant Dean Penn Nursing
2019-present	Member (ex-officio)	Responsible Pedagogy Taskforce
2017-2018	Chair	Graduate Group in Nursing (PhD program directorship)
2015-2017	Chair-Elect	Graduate Group in Nursing (PhD program directorship)
2017-2018	Chair	PhD Admissions Committee
2015-2017	Chair	PhD Progressions Committee

2015-2017	Member	PhD Curriculum Committee
2015- 2016	Chair	Bylaws Committee
2015-2016	Member	Hillman Admissions Selection Committee
2015- 2016	Chair	Academic Freedom Committee
2015	Member	BHS Department Awards Committee
2014- present	Member	T32 Executive Committee NewCourtland Center for Transitions and Health
2014-2015	Chair-Elect	Bylaws Committee
2014-2015	Member	Academic Freedom Committee
2012-2015	Member	PhD Admissions Committee
2012-2014	Chair	Nominations and Appointments Committee (elected)
2012-2013	Member	Faculty Retreat Planning Task Force
2012-2013	Member	Dean's Advisory Taskforce on Diversity and Cultural Competence
2012-2013	Member	CCNE Faculty Engagement Taskforce
2012-2013	Member	Member, NewCourtland Center/CISA T32 Planning Committee
2012-2013	Member	P01 Steering Committee on Penn Center of Excellence for Research on Complementary and Alternative Medicine
2011	Grant Reviewer	Sigma Theta Tau International "Rising Stars" Applications STT 41st Biennial Convention
2010-2012	Member	Faculty Editorial Board, Journal of Nursing Student Research
2010-2011	Member	PhD Admissions Committee
2010-2011	Member	BHS Division to Departmental Transition Advisory Committee
2010-2011	Member	Advisory Taskforce for the BHS Department Chair Search
2010	Grant Reviewer	Frank Morgan Jones Pilot Grant Applications, Hartford Center of Geriatric Nursing Excellence.
2009-2010	Member	Strategic Planning Committee Biobehavioral Health Sciences Division
2009-2010	Member	Graduate Group Taskforce to examine statistical support for doctoral students
2008-2010	Member	Faculty Search Committee
2008-2009	Member	Cultural Diversity Taskforce
2007	Member	Planning Committee, International Nursing and Bioethics Conference: Global Perspectives and Ethical Mandates on Reducing Health Care Disparities.

University of Pennsylvania

2017-2018	Member	Graduate Council of the Faculties, Office of Vice Provost for Education
2018	Reviewer	Physics and Astronomy Department
2012-2015	Member	Senate Executive Committee
2011-2014	Member	Senate Committee on Faculty Development and Diversity

DOCTORAL DISSERTATION COMMITTEES AND POSTDOCTORAL MENTORSHIP

<i>Years</i>	<i>Committee Role</i>	<i>Funding Source(s)/Dissertation Title/Postdoctoral Placement</i>
2020-	Co-sponsor (NIH F31)	<u>Amy Ketcham (Pre-doctoral Fellow)</u> , NIH Ruth L. Kirschstein National Research Service predoctoral fellowship (Sponsor: Riegel, B).
2020	Candidacy Exam Reader	<u>Rachel French (Pre-doctoral Fellow)</u> . The Impact of Hospital Nursing Resources on Postsurgical Outcomes for Patients with Opioid Use Disorder
2020	Primary Advisor	<u>Dr. Lauren Starr (Post-doctoral Fellow, NIH/NINR T32 T32NR009356)</u>
2020	Dissertation Exam Reader	<u>Sydney Axon</u> Prescription Opioids And Adolescents: Factors Associated With Nonmedical Use And Prescribing Practices
2020- present	Co-primary Advisor	<u>Lucy Anderson</u> (Pre-doctoral Fellow, University of Pennsylvania)
2020- present	Co-primary Advisor	<u>Kayla Baker</u> , (Pre-doctoral Fellow, University of Pennsylvania)
2020- present	Primary Advisor	<u>Amanda Watson</u> (Pre-doctoral Fellow, University of Pennsylvania) Hillman Scholar in Nursing Innovation
2017-2020	Primary Advisor	<u>Elise Tarbi (Pre-doctoral Fellow, University of Pennsylvania)</u> NIH/NINR T32 Pre-doctoral Fellowship (T32NR009356) Sigma Theta Tau/HPNA Research Scholar (2019-2020) Postdoctoral placement: Dana-Farber/Harvard Cancer Institute Research Fellowship in Psychosocial Oncology and Palliative Care (2020) Dissertation Title: Beyond Prognosis Communication: Exploring the Existential Dimensions of Palliative Care Conversations with Adults with Advanced Cancer (Defense: Spring 2020)

2017-2020	Primary Advisor	<u>William Rosa (Pre-doctoral Fellow, University of Pennsylvania)</u> Robert Wood Johnson Foundation Future of Nursing Scholar American Cancer Society Research Scholars Grant (2018) Inducted, Fellow of the American Academy of Nursing Postdoctoral placement: Memorial Sloan-Kettering Cancer Center Dept. of Psychiatry and Behavioral Sciences (2020). Dissertation Title: The Association of Patients' Analgesic Treatment Beliefs and Trade-Offs with Analgesic Adherence Behaviors Among Outpatients with Cancer Pain (Defense: Spring 2020).
2017-2019	Primary Advisor	<u>Lauren Starr (Pre-doctoral Fellow, University of Pennsylvania)</u> NIH/NINR T32 Pre-doctoral Fellowship (T32NR009356) Hillman Scholar in Nursing Innovation Hillman AERO grant (2019) Dissertation title: Racial and Ethnic Associations Between Goals-of-Care Discussions and Acute Care Utilization and Costs Among Persons with Serious Illness Near the End-of-Life (Defense: Spring 2019).
2019- present	Co-primary Advisor	<u>Anessa Foxwell (Pre-doctoral Fellow, University of Pennsylvania)</u> NIH/NINR T32 pre-doctoral fellow (T32NR009356)
2019-present	Co-Primary Advisor	<u>Dr. Kristin Levoy (Post-doctoral Fellow, University of Pennsylvania)</u> NIH/NINR T32 post-doctoral fellow, (T32NR009356) Individualized Care for At Risk Older Adults
2018-present	Member	<u>Sehrish Sajjad (Pre-doctoral fellow, The Aga Khan University)</u> Dissertation Title: Feasibility and Effectiveness of a Video Game Intervention for Children and Adolescents receiving Radiation Therapy: A Randomized Control Trial
2019	Candidacy Exam Reader	<u>Sydney Axson (Pre-doctoral Fellow, University of Pennsylvania)</u> Prescription Opioids and Adolescents: Understanding Prescribing Practices and Risk Factors Of Prescription Misuse.
2018-2019	Primary Advisor	<u>Dr. Kristin Corey (Post-doctoral Fellow, University of Pennsylvania)</u> NIH/NINR T32 Post-doctoral Fellow (T32NR009356) Individualized Care for At Risk Older Adults Sigma Theta Tau/HPNA Research Scholar
2016-2019	Co-Primary Advisor/ Member	<u>Jason Brown (Pre-doctoral Fellow, University of Pennsylvania)</u> Hillman Scholar in Nursing Innovation

2015-2018	Primary Advisor	<p>Dissertation title: Examining the choice to seek non-urgent treatment at emergency departments (Defense: Fall 2019) Postdoctoral Placement: MedStar Health Research Institute (Delivery System Science Fellowship, 2019). <u>Dr. Esther Smith-Howell (Post-doctoral Fellow, University of Pennsylvania)</u> NIH/NINR T32 Post-doctoral Fellow Individualized Care for At Risk Older Adults (T32NR009356) National Clinician Scholar HPNA Research Scholar</p>
2015-2018	Member	<p><u>Christine Bader (Pre-doctoral Fellow, University of Pennsylvania)</u> RWJ Future of Nursing Scholar Persistent Acute and Chronic Pain with Physical, Mental, and Social Health</p>
2014-2017	Primary Advisor	<p><u>Madelyne Greene (Pre-doctoral Fellow, University of Pennsylvania)</u> Hillman Scholar in Nursing Innovation Reproductive History and Cancer Health Screening Among Sexual Minority Women. Post-doctoral placement: NIH Ruth L. Kirschstein National Research Service postdoctoral trainee, University of Wisconsin-Madison Institute for Clinical and Translational Research.</p>
2012-2015	Member	<p><u>Yaelim Lee (Pre-doctoral Fellow, University of Pennsylvania)</u> Web-based study on impact of acculturative stress on premenstrual symptom experience in international female students from Korea</p>
2011-2014	Member	<p><u>Kim Mooney-Doyle (Pre-doctoral Fellow, University of Pennsylvania)</u> The Ordinary in The Context of the Extraordinary: Parenting in Pediatric Life-Threatening Illness</p>
2011-2014	Member	<p><u>Jill Vanak (Pre-doctoral Fellow, University of Pennsylvania)</u> The association of nursing characteristics and rate of readmission, hospital acquired complications and failure to rescue amongst elderly cancer patients</p>
2011-2014	Member	<p><u>Meredith McKenzie (Pre-doctoral Fellow, University of Pennsylvania)</u> End of life outcomes for patients with heart failure on hospice.</p>
2009-2012	Member	<p><u>Kevin R. Emmons (Pre-doctoral Fellow, Drexel University)</u> Wounds at end of life: wound symptoms and severity, quality of life, and patient reported symptoms and preferences for care</p>
2012	Reader	<p><u>Sherry Greenberg (Pre-doctoral Fellow, University of Pennsylvania)</u> Fear of falling among high-risk, urban, community-dwelling older adults (doctoral Candidacy Exam)</p>

2011	Reader	<u>Nancy Ho (Pre-doctoral Fellow, University of Pennsylvania)</u> Diabetes and Neurobehavioral Complications: The Role of Hippocampal Neurogenesis (doctoral Candidacy Exam)
2009	Reader	<u>Rebecca Trotta (Pre-doctoral Fellow, University of Pennsylvania)</u> Quality of Death in the Nursing Home: A Proposed Grounded Theory (doctoral Candidacy exam)
2008	Reader	<u>Catherine Harris (Pre-doctoral Fellow, University of Pennsylvania)</u> The Role of Anxiety in Return to Work after Aneurysmal Subarachnoid Hemorrhage (doctoral Candidacy exam)
2008	Reader	<u>Lisette Bunting-Perry (Pre-doctoral Fellow, University of Pennsylvania)</u> Components of Pain in Patients with Parkinson's Disease: An Exploratory Study (doctoral Candidacy exam).

Doctoral Qualifying/General Exam Committees

Fall 2020	Anessa Foxwell	Clinician Distress in Seriously Ill Patient Care: A Dimensional Analysis (Chairs, Meghani & Ulrich) with a Sub-analysis during COVID-19
Fall 2018	Elise Tarbi	Existential Experience in Adults with Advanced Cancer: A Concept Analysis (Chair, Meghani).
Fall 2018	William Rosa	Analgesic Nonadherence for Cancer Pain in the Context of Opioid Crisis: A Concept Analysis (Chair, Meghani).
Fall 2018	Jesse Wool	Parental Decision-Making in the Pediatric Intensive Care Unit: A Systematic Review (Chair, Ulrich).
Fall 2016	Susan Keim	A Systematic Review of Hospital Readmissions Deemed Potentially Preventable for Middle- and Older- Aged Adults (Chair, Bowles).
Fall 2016	Christine Bader	Musculoskeletal Pain and Headache in the Active Duty Military Population (Co-Chairs, Polomano/Meghani).
Fall 2016	Jason Brown	The choice surrounding non-urgent patients seeking treatment at emergency departments (Chair, Buttenheim)
Spring 2012	Youjeong Kang	A Systematic Review of the Literature on Tele-homecare for Patients with Heart Failure (Chair, Bowles)
Fall 2011	Jill Vanak	State of the science and conceptualization of nursing care for the hematopoietic stem cell transplant patient (Chair, Lake).

Spring 2010	Terese Waite	Concept of Sample Equity and Methodological Approaches Shaping Bioethics Research (Chair, Ulrich).
Fall 2009	Melissa O'Connor	Hospitalization among Medicare-Reimbursed Skilled Home Care Recipients: A State of the Science (Chair, Bowles).

Mentored Professionals

2020-	Reena Nagar, M.D.	Anesthesiologist/Pain Medicine Fellow, University of Pennsylvania. Fellowship project advisor (UPHS wide Pain management policies and practices and potential implications for widening pain care disparities).
2020-	Becky Li, B.S.	Third year medical student, College of Allopathic Medicine, Nova Southeastern University (NSU), Tampa, FL.(Capstone Research Project, COVID 19 and Social determinants of Health).
2018-2020	Kevin Liou, M.D.	Resident, Bendheim Integrative Medicine Center, Memorial Sloan Kettering Cancer Center, NY.
2017-2018	Liana Yocavitch, MPH	Practicum advisor, Masters in Public Health, Drexel University, Philadelphia, PA.
2017-2017	Erin McMEnamin, PhD	Doctoral independent study, The Effect of Personality and Decision-Making Style on NP Opioid Prescribing for Patients with Cancer Pain, Catholic University.
2017-2018	Youjeong Kang, PhD	Co-Sponsor, Vice President's Clinical & Translational (VPCAT) Research Scholars Program, University of Utah, Salt Lake, UT. Consultant: K23, National Heart, Lung, and Blood Institute.
2017-2018	Ryan Quinn, MS	Research practicum, Masters in Biostatistics, Temple University, Philadelphia, PA.
2013-2017	Kate Yeager, PhD	Co-Sponsor, NIH/NINR K01 Award (1K01NR014673-01). Adherence In African Americans Being Treated For Cancer Pain, Emory University, Atlanta, GA.

TEACHING ACTIVITIES AT UNIVERSITY OF PENNSYLVANIA

**NURS 754- Quantitative Research Design and Methods (*PhD in Nursing Core/Required Course)*

<i>Year</i>	<i>Enrollment</i>	<i>Course Rating (4.0)</i>	<i>Instructor Rating (4.0)</i>
2015	11	3.69	4.00
2014	11	3.55	3.91
2013	16	3.50	3.79

2012	11	3.11	3.67
2011	16	3.30	3.50

NURS 557/367- Principles of Palliative Care (*Core course; Palliative Care Minor)

<i>Year</i>	<i>Enrollment</i>	<i>Course Rating (4.0)</i>	<i>Instructor Rating (4.0)</i>
2019	27	3.92	3.92
2017	21	3.76	3.80
2016	22	3.81	4.00
2015	16	3.88	4.00

NURS 567- An Evidenced Based Approach to Managing Symptoms in Advanced Illness

<i>Year</i>	<i>Enrollment</i>	<i>Course Rating (4.0)</i>	<i>Instructor Rating (4.0)</i>
2020	9	4.0	4.0
2019	13	3.83	3.83
2018	14	3.62	3.92
2016	15	3.43	3.64
2015	16	3.57	3.93
2014	19	3.13	3.60
2013	24	3.38	3.52
2012	18	3.06	3.56
2011	16	3.44	3.69
2010	18	3.06	3.56
2009	12	3.73	3.73
2008	8	3.44	3.88

Select Guest Lectures/Seminars

Fall 2020	NURS 306. Opioids: From Receptors to Epidemic. (Compton & Schmidt)
Spring 2020	NURS644: Palliative care and health system and delivery models in the U.S. (Hook, K).
Spring 2018	DSO. Penn Nursing Doctoral Student Organization Seminar: Synthesizing Research: Developing Table of Evidence.
Fall 2016	NURS 833: Concepts in measurement of symptoms and disparities. Measurement of Health-Related Behavior and Determinants Doctoral Seminar (Glanz).
Spring 2015	NURS 667. Palliative Care in America, Challenges and Opportunities. Penn Nursing Oncology Minor (Becker).
Spring 2015	NURS 536. Deconstructing clinical disparities in Pain outcomes. Pain Science and Practice, for nursing, medical and dental medicine students (Polomano, Farrar)
Spring 2014	Coursera, Social, Cultural & Psychological Influences on Pain. Vital Signs: Understanding What the Body Is Telling Us (Scanga).
Spring 2014	EPI 690. Understanding racial/ethnic disparities in pain outcomes: An empirical journey, Pearlman School of Medicine, Empirical Bioethics (Halpern).
2010-2013	Culture of Birth in Pakistan. Culture of Birth (McCool)

- Spring 2010 McNair Scholars Program, Research Center for Undergraduate Research and Fellowships the University of Pennsylvania. Topic: Opportunities and challenges facing faculty in the natural sciences.
- Fall 2009 Doctoral Open House Faculty Penal. Personal journey, careers and decision to pursue doctoral study.
- Fall 2007 Doctoral Student Organization Fall Colloquium Series, University of Pennsylvania, School of Nursing. “Transition to the Faculty Role”.
- Summer 2007 Bridges to the Doctorate Program, University of Pennsylvania, School of Nursing. Topic: “On becoming a Scholar: Integration, representation, and application of knowledge.”

Doctoral and Postdoctoral Directed Studies

- Spring 2019: NURS-897: Nursing Doctoral Research Residency, Elise Tarbi (Bradway/Meghani).
- Spring 2018: NURS-897: Nursing Doctoral Research Residency, William Rosa (Meghani/Chittams).
- Fall 2017: NURS-890: Nursing Doctoral Teaching Residency Lauren Starr (Bradway/Meghani)
- Fall 2017: NURS900: Ethics of Clinician Communication Lauren Starr (Ulrich/Meghani).
- Fall 2017: HPR-951-050: Health Policy Research Thesis I: Esther Smith-Howell
NINR T-32 Postdoctoral Scholar
- Fall 2014: NURS-890: Nursing Doctoral Teaching Residency, Hyejin Kim
- Spring 2009: NURS-897: Nursing Doctoral Research Residency, Eeeseung Byun

Undergraduate Research Mentorship, University of Pennsylvania

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|-------------|-------------------|--|
| Summer 2018 | Tolu Omole | Mentor, Summer Undergraduate Minority Research Leonard Davis Institute for Health Economics. |
| Summer 2018 | Christine Olaogun | Mentor, Summer Undergraduate Minority Research Leonard Davis Institute for Health Economics |
| Summer 2018 | Jessica Davis | Mentor, Penn Undergraduate Research Mentorship |
| 2016 -2017 | Eliza Giles | Advisor, President Engagement Prize (runner up) |
| Summer 2016 | Joseph Fortes | Mentor, Penn Undergraduate Research Mentorship |
| Summer 2016 | Alexandra Hartke | Mentor, Penn Undergraduate Research Mentorship |
| Fall 2013 | Zamia Diaz | Senior Inquiry Advisor |
| Fall 2013 | Laura Brenson | Senior Inquiry Advisor |
| Fall 2012 | Natalie R. Rivera | Senior Inquiry Advisor |
| Fall 2011 | Tabitha Hymans | Senior Inquiry Advisor |
| Fall 2011 | Caroll Tipian | Senior Inquiry Advisor |
| Summer 2010 | Spencer Stubbs | Mentor, Penn Undergraduate Research Mentorship |
| Spring 2010 | Justine Garber | Senior Inquiry Advisor |

Spring 2010

Nora Brennan

Senior Inquiry Advisor

INTERNATIONAL MENTORSHIP**Chair/External Examiner** [*Masters of Science in Nursing Theses, The Aga Khan University, Karachi*].**2014**

1. **Sahreen Siraj**. Social determinants of depression among Human Immunodeficiency Virus (HIV) positive patients in Karachi, Pakistan.
2. **Tahir Saleem**. Exploring the Experiences of Pediatric Cancer survivors in Karachi, Pakistan.
3. **Shaista Ismail**. Impact of an educational program on knowledge, attitude and practices (KAP) of Healthcare Professionals on Family Presence during Resuscitation (FPDR) in Emergency Department at a tertiary care setting, Karachi, Pakistan.
4. **Shamsa Samani**. Factors related to knowledge, attitude and skills of health care team influencing the performance of CPR in the emergency department of tertiary care hospital.

2013

5. **Rozina Khimani**. Practices of Tracheal Suctioning Technique Among Health Care Professionals for Hospitalized Adult Patients at Tertiary Care Hospital Karachi, Pakistan.
6. **Sajid Iqbal**. Teachers' Perceptions and Practices of Providing Written Feedback to Nursing Students on Their Assignments.
7. **Ambreen Gowani**. Self-Care Behavior among Heart Failure Patients in Karachi, Pakistan.
8. **Shahina Essani**. Association between Awareness about Hepatitis C and Patterns of Health Seeking Behavior among Hepatitis C Patients in Karachi, Pakistan.
9. **Sehrish Pirani**. The Effect of Individualized Patient Education with Emotional Support by a Nurse on the Quality of Life of Breast Cancer Patients.
10. **Noor Khan**. Knowledge, Attitude, and Practice of Family Planning in Men Tehsil Kabal, District Swat KPK, Pakistan.
11. **Mehtab Qutbuddin**. Perceptions of Community Midwives about Their Work Experience after Deployment in Rural Chitral.
12. **Sajida Chaghani**. The Effect of Individualized Patient Education with Emotional Support by a Nurse on the QoL among Breast Cancer Patients Receiving Chemotherapy.
13. **Layala Abdullah**. Knowledge among Health Care Professionals Regarding Sexual Counseling of Post-Myocardial Infarction Patients.
14. **Yasmeen Jan Mohd**. Exploring The Experiences of Community Midwives Regarding Their Deployment in District Matyari, Sindh, Pakistan.
15. **Shirin Rajan**. Exploring the Art of Nursing among Bedside Nurses Working in a Tertiary Care Hospital in Karachi Pakistan.

2012

16. Shahnaz Anwar Pir Baksh. Women's Perceptions about Midwifery-Led Model of Care.
17. Erum Abdul Majeed Lalwani. Consequences of Pre-Marriage Disclosure or Concealment of Epilepsy Disorder in the Marital Lives of Women in Karachi, Pakistan.
18. Sami Khokhar. Perceptions of Hope among Individuals Suffering from Schizophrenia.
19. Sadia Qaiser. Quality of Life among Post Myocardial Infarction (MI) women in Karachi, Pakistan.
20. Lubna Ghazal. Quality of Written Feedback and its Perception by Graduate Students in a Private University Karachi, Pakistan.
21. Zulekha Abdul Majeed Rattani. Exploring Experience of Midwives practicing Midwifery Led Care in the Aga Khan Hospital for Women and Children [Garden and Kharadar].
22. Shirin Badruddin. Medication Errors at a Tertiary Care Hospital: Underlying Factors and Health Care Professional Experiences.
23. Humaira Yasmin Waheed. Quality of Life with Lymphedema: Post Breast Cancer Patients in Karachi, Pakistan.
24. Nousheen Saleem. Vaginal Discharge and Women's Sexual Health: A Qualitative Study in Karachi, Pakistan.
25. Saima Abdul Aziz Sachwani. Association between Breast Feeding and Childhood Obesity among School-Going Children (5-16 Years of Age) in Karachi.
26. Seema Hyder Ali. Effects of Kangaroo Mother Care: A Randomized Control Trial in Secondary Hospital Karachi.

2011

27. Farah Naz Farid. Factors Affecting Compliance with Standard Precautions among Nursing Staff at a Tertiary Care Hospital in Karachi.
28. Amina Khowaja. Students' Perceptions and Their Responses to Written Feedback in the Nursing Degree Programs in Karachi
29. Nazbano Ahmed Ali. Assessment of Medical Surgical Nurses' Shift Handover Practices at a Tertiary Care Hospital in Karachi.
30. Rozina Karim Somani. Prevalence of Workplace Violence towards Nurses at the Government and Private Health Care Settings in Karachi.
31. Azmat Jehan Khan. Prevalence of Domestic Violence among Married Female Health Care Providers in Tertiary Care Hospitals in Karachi.
32. Hanan Hussanien. Knowledge and Perception of Middle-Aged Women about Breast Self-Examination in Aswan, Egypt.
33. Saleema Allana. Factors Associated with Prehospital Delay in Acute Coronary Syndrome, Among Men and Women in Karachi.