

CURRICULUM VITAE
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PART I

PERSONAL DATA

Rachel K. Walker, PhD, RN, FAAN (*Pronouns: They/Them*)

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EDUCATION

<u>Institution</u>	<u>Degree</u>	<u>Year</u>
Johns Hopkins Institute for Clinical and Translational Science, And Johns Hopkins Center for Innovative Care in Aging	Postdoctoral Fellowship	2014
Johns Hopkins University School of Nursing Baltimore, Maryland	Doctor of Philosophy in Nursing (PhD)	2013
The Johns Hopkins University School of Nursing Baltimore, Maryland	Bachelor of Science in Nursing (BS)	2007
The University of Virginia College of Arts and Sciences Charlottesville, Virginia	Bachelor of Arts in Biology and English (BA) Minor: Religious Studies	2002

CERTIFICATIONS

<u>Year</u>	<u>Licensing Body/Source</u>	<u>Type</u>
2014 - present	Massachusetts Office of Health and Human Services	Registered Nurse (RN)
2013	Oncology Nursing Society	Chemotherapy & Biotherapy Provider
2011	Johns Hopkins School of Nursing Office of Teaching Excellence	Nurse Educator Certificate
2010	Johns Hopkins Bloomberg	Health Disparities

	School of Public Health	& Inequalities
2010-2014	Oncology Nursing Certification Corporation	Oncology Certified Nurse (OCN)
2007-2014	Maryland Board of Nursing	Registered Nurse (RN)

PROFESSIONAL EXPERIENCE

Sept. 2019-present	Associate Professor PhD Program (2019-present) & Masters in Nursing Education Program Director (2019-2020)	University of Massachusetts Amherst College of Nursing Amherst, Massachusetts
Sept. 2014 – Aug. 2019	Assistant Professor	University of Massachusetts Amherst College of Nursing Amherst, Massachusetts
July 2019- present	External Nurse Faculty Scientist For Innovation	Massachusetts General Hospital Boston, Massachusetts
Aug. 2016- present	Assistant Professor (Adjunct Appointment)	Rays of Hope Breast Cancer Research Center Pioneer Valley Life Sciences Institute (PVLISI) Baystate Health System Springfield, Massachusetts
June 2013 – Aug. 2014	Postdoctoral Fellow	Johns Hopkins University Johns Hopkins School of Nursing Center for Innovative Care in Aging Baltimore, Maryland
2010-2013	Nurse Navigator/ Research Nurse	Johns Hopkins University School of Nursing Cancer Patient Navigation Study (PI: J. Wenzel) Baltimore, Maryland
2010	Nurse Volunteer Emergency Room	International Medical Corps HUEH Hospital Port-au-Prince, Haiti
2007 – 2009	Nurse Clinician	Sidney Kimmel Comprehensive Cancer Center, Johns Hopkins Hospital, Bone Marrow Transplant & Hematologic Malignancies Unit Baltimore, Maryland
2005 – 2007	VALOR Student Nurse Scholar	Veterans Administration, Baltimore VA Medical Center Telemetry/Cardiac Stepdown Unit Baltimore, Maryland

2004	Trainer of Volunteers	U.S. Peace Corps, Mali, West Africa Bamako, Mali
2002 – 2004	Peace Corps Volunteer, HIV/AIDS and Health	U.S. Peace Corps, Mali, West Africa Blendio & Koulikoroville, Mali
2000 – 2002	Emergency Medical Technician	Scottsville Volunteer Ambulance Rescue Squad Scottsville, Virginia
1998 – 2002	Field Team Member	Blue Ridge Mountain Wilderness Search & Rescue Charlottesville, Virginia

HONORS AND AWARDS

National & International

2020	Inducted as a Fellow of the American Academy of Nursing (FAAN)
2020	Global Hero Award, Gay and Lesbian Medical Association Nursing Section
2020	Coverage of our Nursing Innovation efforts by Stephen Key in Forbes magazine recognized in <i>The Truth About Nursing</i> "Best of the Decade" Media Awards: https://blog.truthaboutnursing.org/2019/12/rachel-walker-inventor-forbes/
2018	American Association for the Advancement of Science (AAAS) Lemelson Invention Ambassador <i>First and only nurse ever to be appointed.</i>
2018	American Occupational Therapy Foundation (AOTF) Grant Planning Collective, Invited Scholar, Alexandria, VA, USA. March 4-6, 2018.
2017	Jon Shevell Young Investigator Travel Award (via Susan G. Komen Foundation)
2016	Susan G. Komen Foundation for Breast Cancer Research Career Catalyst Clinical Research Scholar <i>Only nurse selected that year for this honor.</i>
2016	Excellence in Writing Award for Qualitative Nursing Research, Oncology Nursing Society
2016	Inaugural Class of Oncology Nursing Society Nurse Scientist Intensive, San Antonio, TX Funded by the Foundation of the Oncology Nursing Society (competitive application process)
2016	MGH Workshop for Research in Supportive Oncology, MGH, Boston, MA, Feb 22-26, 2016 Funded by the National Cancer Institute R25 (competitive application process)
2015	John A. Hartford Foundation Scholarship to attend Johns Hopkins Advanced Summer Research Institute on Developing Behavioral Interventions, June 2015
2011	Patricia G. Archbold Building Academic Gerontological Nursing Capacity (BAGNC) Fellowship, John A. Hartford Foundation/AACN
2010	Individual Predoctoral Ruth L. Kirschstein National Research Service Award (NRSA), NINR, NIH

- 2009 ThinkSwiss! Travel Grant to Summer Research Institute, University of Basel, Switzerland
- 2007 Sigma Theta Tau International Honor Society of Nursing, Nu Beta Chapter
- 2007 Isabel Hampton Robb Leadership Award, National Association of Nursing Students (NSNA)
Given to one state student nursing association president each year who exemplifies leadership.
- 2006 Mayo Clinic Breakthrough to Nursing Scholarship Award, Foundation of the National Student Nurses Association
- 2006 International Sisterhood of the P.E.O. Award
- 1998 National Society of Collegiate Scholars, University of Virginia

Regional & Local

- 2020 2020 Manufacturer of the Year, 3rd Hampshire District, State of Massachusetts, for developing a prototype that led to the production of 80K faceshields
- 2018 Runner Up, M2D2 \$200K Medical Device Innovation Challenge, UMASS Lowell, Lowell, MA
For a portable self-contained IV fluid generating system invention.
- 2015 Institute for Social Sciences Research (ISSR) Faculty Scholar, UMass-Amherst, 2015-2016
- 2013 Best Published Doctoral Student Paper Award, Johns Hopkins University School of Nursing
- 2011 Graduate Teaching Assistant Award, Johns Hopkins University School of Nursing (inaugural award recipient)
- 2010 Johns Hopkins School of Medicine Predoctoral Clinical Research Scholars Program (accepted)
- 2007 Leadership Award, Johns Hopkins University School of Nursing
- 2007 Executive Ability Award, Johns Hopkins University School of Nursing
- 2007 Johns Hopkins University School of Nursing Masters Program Merit Scholarship Award
- 2006 Provost's Undergraduate Research Award (PURA), Johns Hopkins University
- 2005 Dorothy McIlvain Scott Scholarship for Community Health, Johns Hopkins University School of Nursing
- 2005 Returned Peace Corps Volunteer Fellowship, Johns Hopkins University School of Nursing.

RESEARCH

SPONSORED PROJECTS

Current Funding

<u>Years</u>	<u>Project</u>
05/2020-	<i>Equity Design Thinking Administrative Supplement: Technology Research in Chronic and Critical Illness, University of Pittsburgh School of Nursing</i> Funder: OBSSR/NINR (T32 NR008857) PI: Annette Dabbs Role: Faculty for Design Justice
03/2020	<i>UMASS Faceshield for Mass Production</i> Funder: IALS Seed Grant Role: Lead Faculty/Co-PI with Frank Sup (MIE), Meghan Huber (MIE), Rachel Walker (Nursing), Peter Reinhart (IALS) Direct Costs: \$33,800 Effort: In-kind
06/2019-05/2021	<i>At Home Detection of Antineoplastic Agents and their Toxic Metabolites</i> PI: Rachel Walker & Co-I Sarah Perry (Chemical Engineering) Role: Principal Investigator & Inventor (Novel microfluidics application) Funder: Oncology Nursing Foundation & Sigma Nursing Foundation (RE1 grant) Direct Costs: \$24,949 Effort: 2% summer effort & In-kind
09/2016 – 08/2020	<i>Reduction of symptom impacts on sedentarism and associated biomarkers</i> PI: Rachel Walker Role: Principal Investigator & Inventor (Novel symptom support system) Funder: Susan G. Komen Foundation (Career Catalyst Research Award-Clinical) Total Costs: \$448,188. Effort: 75% FTE
2016-2021	UMANAGE Center for Building the Science of Symptom Self-Management PI: Cynthia Jacelon Role: Co-Investigator, Center Faculty & inaugural pilot PI (see Completed Funding below) Funder: National Institute of Nursing Research (NINR), NIH (P20NR016599) Direct Costs: \$1.2M Effort: In-kind & inaugural Pilot PI (see below)

Completed/Past Funding (Selected)

04/2016 – 03/2018	<i>Saccade parameters of persistent cancer-related fatigue: biomarker detection using computational eyeglasses</i> PI: Rachel Walker Role: Principal Investigator & Inventor (Novel machine learning/eyetracking application) Funder: NIH National Institute of Nursing Research, P20 Pilot grant Direct Costs: \$50,000 Effort: 15% FTE
04/2016 – 03/2018	<i>Describing eye movement changes associated with cancer-related fatigue using a wearable technology</i> PI: Rachel Walker Role: Principal Investigator & Inventor (Novel machine learning/eyetracking application) Funder: Rays of Hope Breast Cancer Foundation Total Direct Costs: \$49,849 Effort: 10% FTE
2017-2018	<i>Development of a Digital Home Safety & Accessibility Assessment and Management Platform</i> PI: Rachel Walker Role: Principal Investigator & Inventor (Novel GIS & Augmented Reality application) Funder: UMASS IALS Center for Personalized Health Monitoring Seed Grant

	Total Direct Costs: \$2000	Effort: In-kind
2015-2016	<i>Health solutions for declining gait speed associated with aging investigator-initiated grant-planning workshop</i> PI: Catrine Tudor-Locke Role: Co-Investigator Funder: UMASS Institute for the Applied Life Sciences (IALS) Total Direct Costs: \$3000 Effort: In-kind	
2013-2014	<i>Clinical Research Training Program</i> Johns Hopkins Institute for Clinical and Translational Research (ICTR) PI: D. Ford Role: Postdoctoral Fellow Trainee Funder: NIH National Center for Advancing Translational Sciences (NCATS) Total Costs: [not available] (supported tuition & stipend)	
2011-2013	<i>Understanding the 'Work' of Early Cancer Survivorship for Rural African American Elders</i> PI: R. Walker Role: Principal Investigator & Predoctoral Patricia A. Archbold BAGNC Fellow Funder: John A. Hartford Foundation Patricia G. Archbold Building Academic Geriatric Nursing Capacity Scholar Total Costs: \$98,481 (supported tuition, stipend & dissertation research costs)	
2010-2012	<i>Understanding the 'Work' of Early Cancer Survivorship for Rural African American Elders</i> PI: R. Walker Role: Principal Investigator & Predoctoral NRSA Fellow Funder: National Institute for Nursing Research (NINR), NIH Individual Ruth L. Kirschstein National Research Service Award, F31NR012330-01 Total Costs: \$124,410 (supported tuition & stipend)	
2009-2013	<i>Institutional NRSA for Interdisciplinary Health Disparities Research</i> PI: J. Allen Role: Predoctoral Trainee Funder: National Institute for Nursing Research (NINR), NIH, T32 NR 07968 Total Costs: [not available] (supported tuition & stipend)	
2006-2007	<i>Intimate Partner Violence and HIV Among Women of African Heritage</i> PI: R. Walker (Research Mentor: Phyllis Sharps) Role: Principal Investigator Funder: Johns Hopkins University Provost Undergraduate Research Award Fund Total Direct Costs: \$2000 (awarded as a BSN undergraduate)	

Grants Submitted/Under Review

07/2021-06/2024	New Essential Nursing Competency for the A.I. Age: Digital Defense PI: R. Walker Lead Mentor: Dean Laura Haas, UMASS College of Information & Computer Science Funder: Gordon and Betty Moore Foundation Total Costs: \$500,000	
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PROFESSIONAL CONSULTATIONS

- 2019 Visiting Nursing Research Scholar, Memorial Sloan Kettering Cancer Center, New York, NY. August 5, 2019.
- 2019 Norman Knight Visiting Nurse Scholar & Consultation on Supporting Patient-centered Innovation, MGH Patient Innovation Center, Massachusetts General Hospital, April 25, 2019 in Boston, MA.
- 2019 Oncology Nursing Society: Future of Oncology Nursing Co-Creation Workshop, facilitated by Bridgeable, ONS Headquarters, May 29-30, 2019 in Pittsburgh, PA.
- 2019 **NASEM Future of Nursing 2030 report.** Phone interview on future of nursing innovation and technology to support health equity with Dr. Susan Hassmiller on May 21, 2019.
- 2018 Consultation on Invention Policy for **White House Office of Science & Technology Policy**, with AAAS-Lemelson Invention Ambassadors, AAAS Headquarters in Washington, DC on July 25, 2018.
- 2018 American Occupational Therapy Foundation, grant planning workshop for ‘Participation in Valued Activities following a Cancer Diagnosis’, Alexandria, VA, April 2018.
- 2016 Oncology Nursing Society Advanced Nursing Research SIG, 2017 Congress Planning
- 2013 Oncology Nursing Society Foundation, ONS Congress Focus Groups (Facilitator/Analyst)
- 2009 **Klimmek, R. K.** & Nolan, M. T. [International Curriculum Consultation]. “Doctoral Education for Nurses in the United States.” Chiang Mai University School of Nursing. June 2009. Chiang Mai, Thailand.

SCHOLARSHIP

Peer-reviewed Publications (* indicates data-based)

1. Rabelais, E. & **Walker, R. K.** (In Press). Ethics, health disparities, and discourses in oncology nursing’s research: If we know the problems, why are we asking the wrong questions? *Journal of Clinical Nursing*.
2. Gance-Cleveland, B., MacDonald, C. & **Walker, R. K.** (In Press). Use of Theory to Guide Development and Application of Sensor Technologies in Nursing. *Nursing Outlook*. 1-13.
3. *Falatah, Rawaih, & **Walker, R. K.** (2020). Transcultural Nurses’ Caring for Pilgrims for the First Time during Hajj Season in Saudi Arabia. *Journal of Religion and Health*.
4. *Lisa J. Wood, Kerri M. Winters-Stone, Janet Kneiss, Annie B. Fox, & **Rachel K. Walker** (2020). Women with clinically significant fatigue after breast cancer treatment report increased falls and perform poorly on objective measures of physical fitness and function. *Rehabilitation Oncology*.
5. **Walker, R. K.**, Pereira-Morales, Sherily, Kerr, Rachel, & Schenk, Elizabeth (March 2020). Climate change should be on every nursing research agenda. *Oncology Nursing Forum*. *Inaugural feature for the Critical Perspectives department*.
6. ***Walker, R.K.** & Berry, D.L. (2020). Men with breast cancer experience stigma in the waiting room. *The Breast Journal*, doi:[10.1111/tbj.13593](https://doi.org/10.1111/tbj.13593)
7. **Walker, R. K.**, Paskausky, A., & Chambers, S. (2019). What you can’t see can still kill you: On the use of latent constructs”. *Oncology Nursing Forum*, 46(5), 523-528. DOI: 10.1188/19.ONF.523-528

8. *Ehrlich, O., Jacelon, C. & **Walker, R. K.** (2019). Cancer Pain Social Processes and Pain Management in Home Hospice Care. *Pain Management Nursing*, 20(6), 541-548. <https://doi.org/10.1016/j.pmn.2019.06.011>
9. *Scott, S., Nathanson, B., Andrzejewski Jr., C., Martinez, V., Henneman, E., **Walker, R. K.**, Gonzalez, M. Use of a Transfusion Checklist by Student Nurses to Improve Patient Safety. (2019). *Journal of Clinical Haematology*.
10. *Newman, R. M., Alfano, C. M., Radomski, M. V., Pergolotti, M., Wolf, T. J., Sleight, A. G., **Walker, R. K.** ... Lyons, K. D. (2019). Catalyzing Research to Optimize Cancer Survivors' Participation in Work and Life Roles. *OTJR: Occupation, Participation and Health*. <https://doi.org/10.1177/1539449219844749>
11. *Ehrlich, O. & **Walker, R. K.** (2018). Recruiting and retaining patient–caregiver–nurse triads for qualitative hospice cancer pain research. *American Journal of Hospice and Palliative Medicine*, first published on-line February 19, 2018, 1-6. DOI: 10.1177/1049909118756623
12. *Garg, V., Best, S. R., Skinner, M. L., Boss, E. F., Tunkel, D. E., **Walker, R. K.**, & Pandian, V. (2017). Parents' perceptions about their child's tracheostomy-related discharge education: Conventional content analysis. *ORL – Head and Neck Nursing*, 35(3), 6-11.
13. **Walker, R. K.**, Hickey, A., & Freedson, P. S. (2016). Advantages and accuracy of wearable activity trackers: Considerations for patients and clinicians. *Clinical Journal of Oncology Nursing*, 20(6), 606-610. Doi: 10.1188/16.CJON.606-610.
14. Ehrlich, O. & **Walker, R. K.** (2016). Pain and Social Processes for Hospice Cancer Patients: An Integrative Review. *European Journal of Oncology Nursing*, 25, 83-89. Doi: <http://dx.doi.org/10.1016/j.ejon.2016.10.001>
15. Griggs, S. & **Walker, R. K.** (2016). The role of hope for adolescents with chronic illness: An integrative review. *Journal of Pediatric Nursing*, 31(4), 404-421. Doi: <http://dx.doi.org/10.1016/j.pedn.2016.02.011>.
16. *Szanton, S. L., **Walker, R. K.**, Lim, J., Fisher, L., Zhan, A., Gitlin, L., Thorpe, R., & Terzis, A. (2016). Development of an 'exergame' for urban-dwelling older adults with functional limitations: results and lessons learned. *Progress in Community Health Partnerships: Research, Education, and Action*. 10(1), 73-81. Doi: 10.1353/cpr.2016.0005.
17. Van Cleave JH, Szanton SL, Shillam C, Rose K, Rao AD, Perez A, O'Connor M, **Walker R.**, Buron B, Boltz M, Bellot J, Batchelor-Murphy M. (2016). Hartford Gerontological Nursing Leaders: From funding initiative to national organization. *Journal of Professional Nursing*. 32(1), 25-31. Doi: 10.1016/j.profnurse.2015.06.004
18. ***Walker, R. K.**, Szanton, S. L., & Wenzel, J. (2015). Supporting working for normalcy post-treatment: guidance from a qualitative study of breast and prostate cancer survivors. *Oncology Nursing Forum*. 42(6), E358-367. Doi: 10.1188/15.ONF.E358-367
19. *Szanton, S. L., **Walker, R. K.**, Roberts, L., Thorpe, R., Wolff, J., Agree, E., Gitlin, L., & Seplaki, C. (2015). Older adults' favorite activities are resoundingly active: findings from the NHATS study. *Geriatric Nursing*. 36(2), 131-135. Doi: j.gerinurs.2014.12.008
20. Szanton, S. L., Roth, J., Nkimberg, M., Savage, J. & **Klimmek, R.** (2014). Improving unsafe environments to support aging independence with limited resources. *Nursing Clinics of North America*, 49(2), 133-45. DOI: 10.1016/j.cnur.2014.02.002. Epub 2014 Mar 27. *This white paper was required reading for federal policy-makers revising home care standards.*
21. *Shaha, M., Berg, J., Shaefer, J., Terhaar, M., **Klimmek, R.**, Melvin, K., & Wenzel, J. (2013). Excellence in teaching and learning: students' perspectives. *Journal of Nursing Education Practice*, 3(12), 35-46. Doi: 10.5430/jnep.v3n12p35

22. *Wenzel, J., Jones, R. A., **Klimmek, R.**, Krumm, S., Darrell, L. P., Song, D., Stearns, V., & Ford, J. G. (2012). Cancer support and resource needs among African American older adults. *Clinical Journal of Oncology Nursing*, 16(4), 372- 377.
23. **Klimmek, R.** & Wenzel, J. (2012). Adaptation of the Illness Trajectory Theory to Describe the Work of Transitional Cancer Survivorship. *Oncology Nursing Forum* 39(6), E499-E510.
24. ***Klimmek, R.**, Noyes, E., Edington-Saunders, K., Logue, C., Jones, R., & Wenzel, J. (2012). Training of community health workers to deliver cancer patient navigation to rural African American seniors. *Progress in Community Health Partnerships* 6(2), 167-174.
25. *Sloand, E., Ho, G., **Klimmek, R.**, Pho, A., & Kub, J. (2012). Nursing children after a disaster: a qualitative study of nurse volunteers and children after the Haiti earthquake. *Journal for Specialists in Pediatric Nursing*, online publication: <http://onlinelibrary.wiley.com/doi/10.1111/j.1744-6155.2012.00338.x/full>
26. *Wenzel, J., Jones, R., **Klimmek, R.**, Szanton, S., & Krumm, S. (2012). Exploring the role of community health workers in providing cancer patient navigation: Perceptions of African American older adults. *Oncology Nursing Forum*, 39 (3), E288-E298.
- 27.*Wenzel, J., Shaha, M., **Klimmek, R.**, & Krumm, S. (2011). Circumstances and meaning surrounding professional bereavement and resiliency: Focus groups with oncology nurses. *Oncology Nursing Forum*, 38(4), E272-82.
28. ***Klimmek, R. K.**, Snow, D. & Wenzel, J. (2010). Financial and insurance-related challenges reported by managed care enrollees with breast cancer. *Clinical Journal of Oncology Nursing*, 14(5), 598-606.

Manuscripts & Abstracts Submitted/Under Review

1. Dreisbach, C., Wright, M., **Walker, R. K.**, & Keim-Malpass, J. [Manuscript under review]. Nursing *science* as a STEM designated degree: A policy solution for the shortage of nurse scientists?
2. **Walker, R. K.**, Cogan, R., Glickstein, B., Leary, M., Montalvo, W., Moraitis, A., Rabelais, E. & Valdez, A. [Abstract under review]. Co-Creation of the First Ever Nursing Twitter Conference. Submitted to American Academy of Nursing Annual Policy Conference 2020.

Websites

1. Nursing Mutual Aid: <https://nursingmutualaid.squarespace.com>
2. InventRN: <https://www.inventrn.org>
3. Tools for Wellness: <https://www.tools4wellness.org>
4. Tech for Symptoms: <https://www.tech4symptoms.org>

Published Comments & Letters to the Editor

1. **Walker, R. K.**, Ehrlich, O., & Leblanc, R. (2015). Identifying and assessing the right end-of-life care quality variables in nursing home settings: A social justice imperative. *Health Affairs*. <http://content.healthaffairs.org/content/34/7/1139.long/reply#healthstaff>
2. **Klimmek, R. K.** & Wenzel, J. (2013). Financial vulnerability among aging cancer survivors. *Health Affairs*, 32:61143-1152. http://content.healthaffairs.org/content/32/6/1143.full/reply#healthaff_el_476640

Essays

1. **Walker, R. K.**, Dillard-Wright, J., Mitchell, S., Mangino, H., Watts-Isley, J., Valdez, A., Rabelais, E., Leblanc, R. G. & Anderson, J. C. (January 7, 2021). Alternatives to Surveillance Pedagogies and Technologies in Online Education for the Clinical Professions: A Resource Guide. Medium, <https://rachelkwalker.medium.com/alternatives-to-surveillant-pedagogies-and-technologies-in-online-education-for-clinical-9def0560f753>

2. **Walker, RK.** (July 23, 2020). Dear Nursing Education, If We Can't Even Acknowledge the Institutional Racism Apparent in Our Dress Codes, How Will We Do the Harder Work? Medium, <https://medium.com/@UMASSWalker/dear-nursing-education-if-we-cant-even-acknowledge-the-institutional-racism-apparent-in-our-eb66957fcb8f>

PEER-REVIEWED PRESENTATIONS (selected) *indicates data-based

International/National

1. 2020 **Walker, R. K. [Twitter Presentation].** Design Justice and Nursing Innovation in the Context of Covid-19. Nursing Mutual Aid 2020 Twitter Conference. April 30, 2020.
2. 2020 **Walker, R.K.** [Poster] *Nursing Education on Artificial Intelligence Must Include Technochauvinism and Community Tools for Digital Defense.* AACN's Doctoral Education Conference on January 30 - February 1, 2020, in Naples, FL.
3. 2020 ***Walker, R. K.,** McLemore, M., Campbell, G., Bevan, S. & Cohn, E., [Poster] *Hackathons As Academic-Practice Partnerships to Foster Nursing Innovation: An Emancipatory Perspective.* AACN's Doctoral Education Conference on January 30 - February 1, 2020, in Naples, FL.
4. 2019 ***Walker, R. K.** [Podium]. *Theory-guided Team Science Approach to Nurse-led Invention: Development of 3 Novel Technologies to Support Cancer Survivors.* Sigma Theta Tau International Annual Research Conference, Calgary, Canada. July 28, 2010.
5. 2018 ***Walker, R.K.,** Viskochil, R., Barham, R., Gagliarucci, J., Moraitis, A., & Makari-Judson, G. [Poster]. *Reduced sedentary time intervention for breast cancer survivors: objectively-measured outcomes for activity and metabolism.* San Antonio Breast Cancer Symposium, San Antonio, TX. December 8, 2018.
6. 2018 **Walker, RK.** [Symposium Overview Paper] *Cancer-Related Fatigue in the Context of Aging: What Are We Really Measuring and Why Does It Matter?* Gerontological Society of America Annual Conference, Boston, MA. November 15, 2018. Chair: **Rachel K. Walker**; Discussant: Jane Kent.
7. 2018 ***Walker, R.K. &** Smithline, E. [Paper] *Saccade parameters of persistent cancer-related fatigue.* In *Symposium: Cancer-related fatigue in the context of aging: what are we really measuring and why does it matter?* Gerontological Society of America Annual Conference, Boston, MA. November 15, 2018.
8. 2018 ***Walker, R. K.,** Ehrlich, O. & Berry, D. [Paper] Men with Breast Cancer: Perspectives on Adequacy of Survivorship Care. In Symposium: Quality of Survivorship Care and Survivorship Care Plans: Are We Making Progress? Gerontological Society of America Annual Conference, Boston, MA. November 16, 2018.
9. 2018 **Walker, R.** Burning Questions in Exercise Oncology: Perspectives of a Nurse Scientist. 1st Annual International Exercise Oncology Twitter Conference (Peer-reviewed). #ExOncTC on October 11, 2018.

10. 2018 *Ehrlich, O. & **Walker, R. K.** [Symposium Paper]. Patient-Nurse-Caregiver Social Processes and Management of Pain in Home Hospice. Best of ONS Abstracts: Improving Patient Symptom Management Approaches. 43rd Annual Oncology Nursing Society Annual Congress, Washington, DC. May 17, 2018.
11. 2017 ***Walker, R. K.** [Symposium Overview Paper]. Convener: **Rachel Walker**. Developing Self-Management Interventions for Aging Cancer Survivors: From Trial to Translation. 21st IAGG World Congress of Gerontology and Geriatrics, taking place July 23-27, 2017 in San Francisco, California.
12. 2017 ***Walker, R. K.** & Szanton, S. L. [Symposium Research Paper]. Adaptation of an Aging-in-Place Intervention to Address the Needs of Rural-Dwelling Cancer Survivors. Part of the symposium: “Developing Self-management Interventions for Aging Cancer Survivors: From Trial to Translation.” Convener: **Rachel Walker**. 21st IAGG World Congress of Gerontology and Geriatrics, taking place July 23-27, 2017 in San Francisco, California.
13. 2017 ***Walker, R. K.** & Freedson, P. S. [Poster]. Translation of an Aging-in-Place Intervention to Reduce Disability and Sedentarism among Rural Cancer Survivors. World Congress on Exercise is Medicine® & 2017 Annual Meeting of the American College of Sports Medicine, taking place June 2, 2017 in Denver, Colorado.
14. 2016 ***Walker, R. K.**, Alkhawaldeh, M., Clayton-Jones, K., & Lobelo, A. [Paper]. Measurement of Sociodemographic Variables in Nursing Research: Critical Analysis of Studies Published in 2014. 2016 State of the Science Congress on Nursing Research: Determinants of Health, Council for the Advancement of Nursing Science, Bethesda, MD. September 17-19, 2016.
15. 2015 ***Walker, R. K.** [Symposium Paper]. Comorbidities and Functional Outcomes: Highlighting Gaps in Existing Models of Cancer Survivorship. Part of the symposium, “Managing Multiple Chronic Conditions: A Lifelong Process for Patients and Caregivers”. **Symposium Convener: Rachel Walker**. Gerontological Society of America Annual Scientific Conference, Orlando, FL. November 2015.
16. 2015 ***Walker, R. K.** & Thorpe, R. J. [Symposium Paper]. Aging and Pressure to Be a ‘Real Man’ Influence Help-Seeking: Findings from the National Black Men’s Health Pilot Study. Gerontological Society of America Annual Scientific Conference, Orlando, FL. November 2015.
17. 2015 **Walker, R. K.** [Poster]. Thrive@Home: Protocol for a Biobehavioral-Environmental Approach to Promote Activity & Reduce Sedentarism and Symptom Interference during Cancer Survivorship. Gerontological Society of America Annual Scientific Conference, Orlando, FL. November 2015.
18. 2015 ***Walker, R.**, Samuel, L. & Szanton, S. L. [Symposium paper]. Dignity matters: A society-to-cells perspective on physiologic and cellular effects of dignity in later life. Part of the symposium, “Managing Dignity in Later Life: Global Influences, Personal Strategies, Cellular Effects”. Symposium Convener: C. Jacelon. Sigma Theta Tau International Nursing Honor Society International Nursing Research Congress 2015, San Juan, Puerto Rico, July 23-26, 2015.
19. 2015 ***Walker, R.** [Poster]. Delivering care that supports cancer survivors working for normalcy post-treatment. Oncology Nursing Society 40th Annual Congress, Orlando, FL, April 23, 2015.
20. 2014 *Szanton, S. L., **Klimmek, R.**, Roberts, L., Thorpe, R., Wolff, J., Agree, E., Gitlin, L., & Seplaki, C. [**Symposium**] Older adults’ favorite activities. Part of Symposium: A National Perspective on Participation in Valued Activities: Restrictions and Positive Influences. Gerontological Society of America 2014 Annual Scientific Meeting, November 9, 2014.
21. 2014 ***Klimmek, R. K.**, Samuel, L. & Szanton, S. L. [Poster Presentation]. A society-to-cells model for

understanding dignity and disparities among community-dwelling older adults. Gerontological Society of America 2014 Annual Scientific Meeting, November 7, 2014.

22. 2014 ***Klimmek, R.**, Szanton, S. L., Thorpe, R., Nolan, M. T. & Wenzel, J. [Poster Presentation]. Understanding Productive Engagement during Cancer Recovery: Case Studies of Rural Older Adults. Translational Science 2014 Meeting, Omni Shoreham Hotel, Washington, DC. April 10, 2014.
23. 2014 ***Klimmek, R.** & Wenzel, J. (Podium Presentation). The Need for Normal: Use of a Case Study Approach to Understand the Post-treatment Goals of Rural Older Adults Recovering from Cancer. Southern Nursing Research Society, New Orleans, LA. April 14, 2014.
24. 2013 ***Klimmek, R.**, Thorpe, R., Szanton, S.L., Nolan, M., & Wenzel, J. [Podium Presentation]. Case Study Research: The Use of Comparison-Cases to Explore Disparities in the 'Work' of Early Breast Cancer Survivorship among Rural-dwelling Older Women. Gerontological Society of America Annual Meeting. November 23, 2013. New Orleans, LA.
25. 2013 ***Klimmek, R.**, Szanton, S. L., Thorpe, R., Nolan, M. & Wenzel, J. [Poster Presentation]. Case Studies of Risks and Benefits of Productive Engagement During Cancer Recovery for Rural-dwelling Older Adults and their Support Persons. Gerontological Society of America Annual Meeting. November 22, 2013. New Orleans, LA.
26. 2012 ***Klimmek, R.** Nolan, M. T., Szanton, S., & Wenzel, J. [Poster Presentation]. "We're Gonna Do This": Strategies That Helped Rural-dwelling African American Women (Age 60+) and Support Persons Overcome Challenges to Recovery Following Breast Cancer Treatment. National Institutes of Health Summit on the Science of Health Disparities Research, December 17, 2012. Washington, DC.
27. 2012 ***Klimmek, R.**, Szanton, S., Thorpe, R., Nolan, M.T. & Wenzel, J. [Poster Presentation]. "We Have to Help Others In Order to Help Ourselves": Benefits of Volunteer and Paid Work During Cancer Recovery for Rural-Dwelling Older Adults Age 65+. Gerontological Society of America, November 18, 2012. San Diego, CA.
28. 2012 ***Klimmek, R.**, Nolan, M. T., Szanton, S. & Wenzel, J. [Poster Presentation]. The Need for 'Normal': Post-treatment Goals of Rural Older Adults Recovering from Cancer and Implications for Survivorship Care. Building Academic Geriatric Nursing Capacity Leadership Conference, November 12, 2012. San Diego, CA.
29. 2012 ***Klimmek, R.**, Wenzel, J., & Tandon, D. [Podcast, 2012]. *Progress in Community Health Partnerships: Beyond the manuscript.*
30. 2012 ***Klimmek, R.**, Szanton, S., Hodgson, N., & Tanner, E. [Poster Presentation]. An Evidence-based Approach to Assessment of Learning Outcomes in a Baccalaureate Course on Nursing Care for Older Adults. Association for Gerontology in Higher Education's 38th Annual Meeting and Educational Leadership Conference, February 2012. Arlington, VA.
31. 2012 **Klimmek, R.** [Poster Presentation]. Theory Derivation: Adaptation of the Illness Trajectory Theory to Describe the Work of Transitional Cancer Survivorship. Southern Nursing Research Conference, February 2012. New Orleans, LA.
32. 2010 *Pandian, V., **Klimmek, R.K.**, Swarup, A., Rose, L., Boulware, L., Taylor, L., Belcher, A., Dane, K., Klunk, S., Grant, M., St. Ours, C., & Nolan, M. T. [Poster Presentation]. Development of items to measure living kidney donors' perceptions of adequacy of pre-donation education, postoperative pain management, and the donation experience. Council for the Advancement of Nursing Science (CANS) Annual Conference, September 2010. Washington, D.C.

33. 2010 ***Klimmek, R. K.**, Noyes, L., Edington-Saunders, K., Maylor, C., Jones, R., & Wenzel, J. [Poster Presentation]. Training Community Health Workers to Navigate Rural African American Elders: Trainee Perspectives. Oncology Nursing Society Annual Conference, May 14, 2010. San Diego, CA.
34. 2009 *Nolan, M. T., Rosenthal, S. A., **Klimmek, R. K.**, Wang, Y., Tudor, C., Kunene, M. B., DeGeest, S., & Oh, E.G. [Poster Presentation]. International Health Systems and Research Course with International Students and Faculty. International Network for Doctoral Education in Nursing (INDEN) Annual Conference. June 30, 2009. Durban, South Africa.
35. 2007 ***Walker, R. K.** & Sharps, P. W. (Poster Presentation). Partner violence and HIV in women of African heritage. 2007 Annual Convention of the National Association of Nursing Students. April 11-15, 2007. Anaheim, CA.

Regional/State/Local

1. 2020 **Walker, R. K.** & Perry, S. [Poster]. Invention of Microfluidic Technology to Detect Antineoplastic Drugs in Body Fluids: A Nurse-Engineering Partnership. Eastern Nursing Research Society. April 25, 2020.
2. 2018 **Walker, R. K.** et al. A Portable, Low-Cost Method of Producing Medical-Grade Water for Intravenous Solutions. UMASS Lowell M2D2 Medical Device Challenge. Lowell, MA. May 2018.
3. 2016 **Walker, R.K.** [Symposium] Advancing translational research at the UMASS Amherst Center for Personalized Health Monitoring. UMASS Center for Clinical and Translational Science 6th Annual Research Retreat, UMASS Medical campus, Worcester, MA. May 20, 2016.
4. 2016 Khudairi, F. & **Walker, R. K.** [Poster]. Complementary and Integrative Medicine (CIM) for adults with cancer receiving hospice care: Experienced nurse and nursing student perspectives. 22nd Annual Massachusetts Statewide Undergraduate Research Conference, UMASS-Amherst Campus Center, Amherst, MA. April 22, 2016.
5. 2016 Khudairi, F., **Walker, R. K.** & Ehrlich, O. [Poster]. Complementary and Integrative Medicine (CIM) for Adults with Cancer Receiving Hospice Care: Experienced Nurse and Nursing Student Perspectives. STTI Honor Society of Nursing Beta Zeta-at-large Chapter Scholarship Day, Easthampton, MA.
6. 2016 Mchenga, Nellipher L. & **Walker, R. K.** [Poster]. Prevention of HIV transmission and HIV self-management among high school and college students living with HIV in Malawi. STTI Honor Society of Nursing Beta Zeta-at-large Chapter Scholarship Day, Easthampton, MA.
7. 2016 Scott, S. & **Walker, R. K.** [Poster]. How far have we come since *To Err is Human?*: A nursing discourse on medication errors. STTI Honor Society of Nursing Beta Zeta-at-large Chapter Scholarship Day, Easthampton, MA.
8. 2015 Carvalho, L., Griggs, S., Lyne, L. A., & **Walker, R.** [Poster] Team HOPE: Creation of a community-based participatory research partnership to foster health and wellness during breast cancer survivorship. Sigma Theta Tau International Beta Zeta Chapter Scholarship Day, Easthampton, MA, April 7, 2015.
9. 2012 **Klimmek, R.** [Oral Presentation]. Inform, Engage, Activate: Innovative Social Networking for Nurse Leaders – A How-to Guide. Maryland Nurses Association Annual Conference, October 18, 2012. Anne Arundel, MD.

10. 2012 ***Klimmek, R.** [Oral Presentation]. A Wealth of Data: Using Case Study Analysis to Describe Transitional Cancer Survivorship. Interdisciplinary Mixed Methods Interest Group, Bloomberg School of Public Health, April 5, 2012. Baltimore, MD.
11. 2011 **Klimmek, R.** [Oral Presentation]. Understanding the Work of Transitional Cancer Survivorship. Sidney Kimmel Comprehensive Cancer Center Nursing Research Journal Club, April 2011. Baltimore, MD.
12. 2009 **Klimmek, R. K.,** Nolan, M. T., Doumit, M., Souza, F. & Kunene, M. B. [Poster Presentation with international co-authors from South Africa, Lebanon and Brazil]. Culturally competent systematic review: Palliative care research in developing countries. 2009 Annual Conference of the Southern Nursing Research Society. February 14, 2009. Baltimore, MD.
13. 2008 **Klimmek, R. K.** [Oral Presentation]. From theory to practice: Lessons learned from the first year as a professional nurse. 2008 Annual Meeting of the Maryland Nurses Association. October 16-17, 2008. Linthicum, MD.
14. 2007 ***Walker, R. K. & Sharps, P. W.** (Poster Presentation). Partner violence and HIV in women of African heritage. 2007 Annual Johns Hopkins University Provost Undergraduate Research Awards ceremony. March 8, 2007. Baltimore, MD.

INVITED PRESENTATIONS

International/National:

1. 2020 **Walker, R. K. Keynote speaker.** Wisconsin LGBTQ+ Health Summit. Planned April 2021.
2. 2020 **Walker, R. K.,** Valdez, A. & McMurray, P. “Use of Social Media in Activism for Health Equity” #HealtheVoices Webinar, Johnson & Johnson,
3. 2020 **Walker, R. K. Keynote speaker.** “Queer Justice Demands Abolition of Carceral Technologies in Health Care”. Gay & Lesbian Medical Association (GLMA) Nursing Section. Annual Conference. September 23, 2020.
4. 2020 **Walker, R. K.** Featured Panel Speaker. Nursing Science in a Post-Covid19 World. Nursing Scientists Translational Research Interest Group (NS-TRIG) Monthly Meeting. Moderated by Dr. Elizabeth Cohn and Dr. David Banks of the NINR.
5. 2019 **Walker, R. K. Plenary.** *The importance of social media in advancing LGBTQ+ health in the nursing profession.* **American Academy of Nursing inaugural National Nursing LGBTQ Health Summit.** November 21, 2019. Columbia University, New York, New York.
6. 2019 **Walker, R. K. Plenary Panel,** *Media Partnerships to Champion Health.* **American Academy of Nursing Annual Policy Conference.** October 24, 2019. Washington, DC.
7. 2019 **Walker, R. K.,** McDonald, Catherine C.; Cynthia Dougherty, Gance-Cleveland, Bonnie. **Plenary Panel:** *Theoretical Underpinnings of Sensor Technology in Research.* **Council for the Advancement of Nursing Science Methods Conference.** October 23, 2019. Washington, DC.
8. 2019 **Walker, R.K.** *Nurse Inventors Do Tech (Differently): Why Every Team Should Have a Nurse.* Moderator: Rick Hamilton, Optum Senior Distinguished Engineer Webinar for **UnitedHealth Group Academy of Technology** (~2000 technologists working for United Health Group), August 8, 2019.

9. 2019 **Walker, R. K. Keynote Speaker, Opening Ceremonies**
Nursing Invention
Oncology Nursing Society 44th Annual Congress, Anaheim, CA. April 11, 2019.
10. 2019 **Walker, R. K. Plenary Panel Speaker**
What Would a Nurse Do? Meet the Nurse Innovators Changing Human Health
National Student Nurses Association (NSNA) National Convention, Salt Lake City, UT. April 4, 2019.
11. 2019 **Walker, R. K. Invention Breakfast: Meet the Invention Ambassadors.** AAAS Invention Ambassadors.
American Association for the Advancement of Science Annual Meeting, February 17, 2019.
Washington, DC.
12. 2019 **Walker, R. K.**, Bray, David; Hamilton, Rick & Zitnick, Larry. *AI. & Your Health: AI's role in addressing global challenges related to health and healthcare in 21st Century: A conversation with AAAS-Lemelson Invention Ambassadors and Facebook.* **Facebook Headquarters**, Washington, DC. February 15. 2019.
<http://www.inventionamb.org/events/ai-and-your-health/>
13. 2018 **Walker, R. K. TEDx EasthamptonWomen.** *The E in STEM Should Stand for Empathy.*
Easthampton, MA. December 1, 2018
14. 2018 **Walker, R. K. Nurse Inventors: Not Invited.** Celebrate Invention!
American Association for the Advancement of Science (AAAS), Washington, DC. July 24, 2018.
<https://youtu.be/PxBT2IB5S7c>
15. 2017 **Walker, R. K. & Leak, A. (2017).** *Nursing Research, Emerging Technologies, and Precision Health: Where are we now and where are we going?* Invited special session at the Oncology Nursing Society's Annual Congress in Denver, CO. **Convener: Rachel Walker;** Co-Facilitator: Ashley Leak. May 2017.
16. 2017 **Walker, R. K. (2017).** Wearable Technology for Monitoring Cancer-related Fatigue. P20/P30 Center Director's Meeting, National Institute of Nursing Research, National Institutes of Health, Bethesda, MD. April 2017. [Poster presentation.]

Regional/State/Local:

1. 2020 **Walker, R. K.** Technologies that Coerce, Control, Capture & Exile. Diversity and Social Justice Committee Speaker Series, UMASS Amherst College of Nursing.
2. 2020 **Walker, R. K.** Early Career SIG Panel Speaker. Eastern Nursing Research Society, April 26, 2020.
3. 2020 **Walker, R. K. Keynote.** *Questions That Don't Get Asked: Why They Matter to the Future of Innovation, Health Equity, and Life as [We Think] We Know It.* Metro Detroit ONS Chapter Annual Conference, Troy, MI. February 5, 2020.
4. 2019 **Walker, R. K.** Healing Invention: Co-Creating Care & Technology to Achieve Health Equity. Nursing Grand Rounds. Memorial Sloan Kettering Cancer Center, New York, NY. August 4. 2019.
5. 2019 **Walker, R. K.**, McPherson, D., & Garanich, J. Neela White, Moderator. Engineering Academic Environments to Foster Invention and Innovation. Hosted by the CCNY Translational Medicine Program. CUNY Advanced Science Research Center, New York, NY. June 17, 2019.
6. 2019 **Walker, R. K. (May 2019).** Grand Rounds. Patient Innovation Center, Massachusetts General Hospital. Boston, MA.

7. 2015 **Walker, R. K.** (2015). Activity as a strategy for improving symptom management & quality of life during cancer and chronic illness. UMASS Department of Kinesiology Graduate Research Seminar, November 30, 2015.
8. 2015 **Walker, R. K.** (2015). Thrive@Home. Baystate Interdisciplinary Research Forum. Springfield, MA. January 2015.
9. 2014 **Walker, R. K.** (2014). Thrive@Home and other projects. Faculty/PhD Research Forum, UMass-Amherst College of Nursing, Amherst, MA. December 2, 2014.
10. 2014 **Walker, R. K.** (2014). How do we help older adults not just survive, but thrive? Provost Lecture Series, Home of UMass-Amherst Provost Dr. Katherine Newman, Amherst, MA. November 20, 2014.
11. 2014 **Klimmek, R. K.** (2014). Dignity, Disparities, and the Work of Cancer Survivorship. Johns Hopkins University School of Nursing, Baltimore, MD.
12. 2014 **Klimmek, R.K.** (2014). Addressing the work of serious illness among aging and medically-underserved populations. University of Massachusetts –Amherst College of Nursing, Amherst, MA.
13. 2014 **Klimmek, R. K.** (2014). Understanding the ‘Work’ of Transitional Cancer Survivorship. University of Virginia School of Nursing, Charlottesville, VA.
14. 2014 **Klimmek, R. K.** (2014). Building a Program of Research to Address Health Disparities Among Aging Individuals Living with Serious and Chronic Illnesses. Boston College William F. Connell School of Nursing, Chestnut Hill, MA.
15. 2013 **Klimmek, R. & Samuel, L.** (2013). The Issue Is...Evidence Grading for Behavioral Interventions. Johns Hopkins University School of Nursing Center for Innovative Care in Aging’s “The Issue Is...” Series. October 2, 2013. Baltimore, MD.
16. 2013 *Wenzel, J. & **Klimmek, R.** [Oral Presentation]. Understanding cancer and aging: community participatory approaches. Johns Hopkins University School of Nursing Center for Innovative Care in Aging Summer Research Institute on Developing Behavioral Interventions. June 14, 2013. Baltimore, MD.

EDITORIAL & REVIEW BOARDS

Editorial Boards

2019- **Associate Editor & Founder** of the *Critical Perspectives Department*, Oncology Nursing Forum

Authors of this department seek to enter into scholarly dialogue with *ONF* readers and beyond, by naming and critically analyzing emerging trends, taken-for-granted assumptions, and systems of power that both influence and operate within oncology nursing science. These perspectives begin to address what has been left out of current discourses in nursing by exploring not just what is, but how these systems and practices came to be and possible futures. *Critical Perspectives* seek to center the realities and expertise of those who are directly impacted by oncology nursing science and research practices, including oncology nurses, nurse scientists, and the communities they seek to serve.

International & National Scientific Review Boards

2020- American Association for the Advancement of Science (AAAS) L’Oreal For Women in Science (FWIS) Scientific Review Panel

2017- Oncology Nursing Foundation Grant Review Panel

Manuscript Reviews

2020- Reviewer, *Teaching and Learning in Nursing*
2017- Reviewer, *European Journal of Oncology Nursing*
2016- Reviewer, *Future Oncology*
2016- Reviewer, *Cancer Nursing*
2016- Reviewer, *Oncology Nursing Forum*
2016- Reviewer, *Clinical Journal of Oncology Nursing*
2015- Reviewer, *Ethnicity & Health*
2014 - Reviewer, *Progress in Community Health Partnerships: Research, Education, and Action*
2014 - Reviewer, *Journal of Health Care for the Poor and Underserved*
2009, 2011 Reviewer, *Progress in Transplantation*

Abstract Reviews (selected)

2017-present Oncology Nursing Society Annual Congress
2016 International Association for Geriatrics & Gerontology (IAGG) Annual Conference
2015 International Network for Doctoral Education in Nursing (INDEN) Biennial Convention
2014- Eastern Nursing Research Society Annual Conference
2014-present Gerontological Society of America Annual Conference

SCIENCE COMMUNICATION & IN THE MEDIA

Digital Stories & Documentaries:

2019 Rachel Walker: Nursing Invention at UMass Amherst [6 minutes]
Case Study for Penn Nursing's open access *Design Thinking for Health* platform
Sponsored by Rita & Alex Hillman Foundation
<https://player.vimeo.com/video/370130735>
2015 "What's Your Name?" [5:04 minutes], by Rachel Walker. Part of the Nurstory Project.
Link on the Center for Digital Storytelling YouTube Channel:
<https://www.youtube.com/watch?v=fSB2X7qVAzk>

Selected Speeches (Open Access):

2018 TEDx Speaker, TEDxEasthamptonWomen, Easthampton, MA

The 'E' in STEM Should Stand for Empathy, by Rachel Walker [17 minutes]
<https://www.youtube.com/watch?v=dW2QoNiYWJ8>

- 2018 *Nurse Inventors, Not Invited*. Celebrate Invention!, American Association for the Advancement of Science (AAAS) Headquarters, Washington, DC
<https://www.youtube.com/watch?v=PxBT2IB5S7c&t=603s>
- 2013 PhD Student Commencement Speaker for Johns Hopkins School of Nursing Graduation
<https://www.youtube.com/watch?v=AjFu-yeiZaI>

TV Programs & Live Broadcasts:

- 2019 Facebook Live! AAAS-Lemelson Invention Ambassadors Panel: The Future of Artificial Intelligence in Healthcare, Facebook Studios, Facebook Headquarters, Washington, DC, February 2019
<https://www.facebook.com/InventionAMB/videos/2287301448209143/>
- 2018 Connecting Point with Carrie Saldo, WGBY Springfield
<https://www.youtube.com/watch?v=LxMJIUEWOk0>
- 2018 Innovation Showcase with Jay Sugarman, NewTV Newton
<https://vp.telvue.com/preview?id=T01443&video=338103>

Podcasts & Videocasts:

- 2020 **RN-Mentor Podcast with Dr Ali R. Tayyeb**
“Nursing Mutual Aid #NMA2020”
April 18, 2020
<https://www.alirtayyeb.com/rnmentor-podcast/nursing-mutual-aid-2020-nma2020>
- 2020 **Amplify Nursing Podcast: “Nursing Mutual Aid 2020”**
Penn Nursing Podcast with Marion Leary
April 17, 2020
<https://soundcloud.com/penn-nursing/amplify-nursing-special-episode-coronavirus-5>
- 2020 Episode 44: “Changing the World with Rachel Walker”
Alliance of Nurses for Healthy Environments Podcast with Dr. Beth Schenk, Feb 3, 2020.
<https://envirn.org/podcast/changing-the-world-with-rachel-walker/>
- 2019 **eCancer Videocast at ONS Congress 2019**
- Part 1: How Nurses Innovate**
<https://ecancer.org/conference/1145-ons-44th-annual-congress/video/7822/recognising-nurse-inventors.php>
- Part 2: Challenges to & Resources for Nurse Inventors**
<https://ecancer.org/conference/1145-ons-44th-annual-congress/video/7821/challenges-to-and-resources-for-nurse-inventors.php%C2%A0>
- 2019 **Oncology Nursing Society Podcast**
Episode: “How Nurses Innovate in Practice Every Day” with Chris
<http://onsvoice.libsyn.com/episode-44-how-nurses-innovate-in-practice-every-day>

2018 **Johnson & Johnson Notes on Nursing Podcast: Nursing Notes Live**
<http://nursingnoteslive.com/2018/08/award-winning-nurse-inventor-rachel-walker-on-nurses-and-innovation/>

2018 **AAAS Science Update with Bob Hirshorn**
<http://www.scienceupdate.com/2018/08/nurse/>

Radio:

2018 **NPR** (WBUR & NEPR affiliates)
<http://www.wbur.org/commonhealth/2018/06/07/innovative-nurses>

National/International Magazine Features:

2019 **Forbes Magazine**, August 29, 2019
“Why Inventing For Diversity And Inclusion Is So Essential”, by Stephen Key
<https://www.forbes.com/sites/stephenkey/2019/08/29/why-inventing-for-diversity-and-inclusion-is-so-essential/#23350dc35152>

2019 **GO Magazine**, Summer/Pride Issue 2019
Named in the 2019 class of “100 Women We Love”, alongside World-cup-winning U.S. Women’s National Soccer Team Co-Captain Megan Rapinoe, comedian Wanda Sykes, & Massachusetts Attorney General Maura Healey
<http://gomag.com/article/100-women-we-love-class-of-2019/48/>

2018 **American Nurse Today**, November 2018
<https://umass.box.com/s/fdnttkyazr8a0gwsbt1jxu28tea7qk4x>

2018 **Science**, November 30, 2018
<http://science.sciencemag.org/content/362/6418/1009>

2018 **Scientific American**, September 18, 2018
<https://blogs.scientificamerican.com/voices/yes-female-inventors-actually-exist/>

2018 **Forbes Magazine**, August 29, 2018
<https://www.forbes.com/sites/stephenkey/2018/08/29/how-three-women-beat-the-odds-to-become-award-winning-inventors/#7e55e1864463>

PROFESSIONAL ACTIVITIES

National Advisory Boards

2018-2021 Nurse Innovation Advisory Board, American Nurses Association
Appointed by Dr. Bonnie Clipper, Vice-President for Innovation, American Nurses Association

2020 **Co-Chair**, Research Committee, National LGBTQ+ Nursing Summit

2020 Member, Technology & Informatics Expert Panel, American Academy of Nursing

2020 Member, Health Equity Expert Panel, American Academy of Nursing

Other Professional Leadership (Selected)

- 2019- **Co-Founder**, Nursing Mutual Aid 2020
- 2019- **Co-Convener**, Cancer & Aging Research Interest Group, Gerontological Society of America
- 2016-2017 **Cancer Interest Group Founder & Faculty Sponsor**, American Society of Clinical Oncology (ASCO)
- 2011-2016 **Policy/Leadership Committee Member**, Hartford Gerontological Nurse Leaders
- 2009 – International Network for Doctoral Education of Nurses, United States Chapter
 - Biennial INDEN International **Conference Planning Committee**, Puerto Rico (2014-2015)
- 2008 – 2013 Doctoral Student Organization, Johns Hopkins University, School of Nursing, **President** (2010)
- 2007 – Oncology Nursing Society
 - Advanced Nursing Research SIG Member (2008-)
 - ONS Foundation **Scientific Review Panel** (2017-)
 - Oncology Nursing Forum Editorial Board, **Associate Editor** (2019-)
- 2007 – Sigma Theta Tau, International Nursing Honor Society
 -Nu Beta Chapter, Member (2007-2014)
 - Beta Zeta Chapter at Large, Member (2014-present)
- 2007 – 2013 Maryland Nurses Association, **Committee Chair** (2008 – 2013)
Founded the MNA Technology Working Group.
- 2005 – 2007 National Association of Nursing Students, Johns Hopkins Chapter, **Treasurer** (2005-2006)
- 2005 – 2007 Maryland Association of Nursing Students, **Maryland State President** (2006-2007)
Received NSNA's Isabel Hampton Robb Award for outstanding leadership as a state president

CURRICULUM VITAE

Part II

EDUCATIONAL ACTIVITIES

Classroom Instruction

Years	Course	Role
Spring 2021	N775 Measurement (& Power) in Health Research 3 credits (fully remote) PhD learners and with instructor permission	Faculty
Spring 2020	N893B Dissertation Seminar II 1 credit (in-person, synchronous distance) PhD students	Faculty
Spring 2018, 2019, 2020	N775 Measurement in Health Research 3 credits (in-person, synchronous distance) PhD students	Faculty
Fall 2019, 2020	N420 Introduction to Nursing Research 3 credits (in-person, Springfield campus) 83-90 2 nd Degree BS Students	Faculty

Spring 2019	N720 State of the Nursing Discipline 3 credits (in-person, synchronous distance) PhD students	Faculty
Spring 2018, 2019, 2020	CHEM ENG Microfluidics Course Project Faculty Sponsor Upper-level undergraduate chemical engineering course managed by Dr. Sarah Perry, PhD	Course Project Faculty Sponsor
Spring 2015, 2016, 2017	N797 Measurement in Health Research 3 credits (face-to-face & synchronous distance) 3 credits PhD students (interdisciplinary)	Faculty & Course Developer
Spring 2016	N420 Introduction to Nursing Research UMass-Amherst College of Nursing 3 credits (face-to-face) 79 undergraduate students	Faculty
Fall 2014, 2015	N730 Qualitative Methods in Nursing Research Umass-Amherst College of Nursing 3 credits (face-to-face) PhD students	Faculty
2014	Summer Research Institute on Developing Behavioral Interventions, Johns Hopkins Center for Innovative Care in Aging, 3-day workshop Junior Faculty & Postdoctoral Fellows	Center Faculty/Small Group Discussion Leader
2013	Summer Research Institute on Developing Behavioral Interventions in Aging Johns Hopkins Center for Innovative Care in Aging 3-day workshop Junior Faculty & Postdoctoral Fellows	Co-presenter [Community-based Participatory Research Approaches to Intervention Research]
2012	NR 110.403 The Process of Nursing Research – 3 credits Johns Hopkins University School of Nursing Baltimore, MD BSN Students	Online Module Developer [Research Ethics]
2011	NR 110.500 [Online]: Philosophical, Theoretical, and Ethical Basis of Advanced Practice Nursing Johns Hopkins University School of Nursing, Baltimore, MD MSN Students	Lecturer (live), Online Module Developer [Theory Development]
2011	NR 110.826 [Hybrid] Advanced Research Design II Johns Hopkins University School of Nursing, Baltimore, MD PhD Students	Lecturer (live), Online Module Developer [Community-based Participatory Research]
2011	NR 110.305 Issues of Aging: Caring for Older Adults Across the Continuum – 3 credits Johns Hopkins University School of Nursing Baltimore, MD BSN Students	Teaching Assistant, Test Item Developer, Lecturer [Family Caregiving & General Course Content]
2010	NR 110.403 Sections 101 and 301 The Process of Nursing Research – 3 credits Johns Hopkins University School of Nursing Baltimore, MD BSN Students	Teaching Internship, Test Item Developer, Lecturer [Statistical Analysis & General Course Content]

2009-2010	PH 100.620 Series Statistical Methods in Public Health Johns Hopkins Bloomberg School of Public Health Baltimore, MD PhD Students	Biostatistics Tutor For Nursing PhD Students
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Courses Developed for UMASS-Amherst:

Moodle Online Open-Access Course: Inclusive Teaching & Learning (co-designed with Drs. Raeann Leblanc, Jordon Bosse): no credit, developed to support faculty and staff across the College of Nursing & beyond.

N500X Cancer Rehabilitation and Survivorship: From Trial to Translation. (Approved by Faculty Assembly in 2016, never taught due to effort buy-out & pending approval by faculty senate). Interdisciplinary upper-level/graduate-level elective.

N797R (renamed N775) Measurement in Health Research, revised in 2021 to “Measurement & Power in Health Research”. Interdisciplinary, doctoral-level core course designed for graduate students and PhD curriculum.

N720 State of the Discipline (completely revised/revamped course in 2019). PhD-level required course. 3 credits.

SERVICE (Selected)

International

Years	Task Force/Activity	Role
2020-	American Association for the Advancement of Science (AAAS) L’Oreal For Women in Science (FWIS) Program Fellowship Scientific Review Panel	Review Panel Member
2019-present	Oncology Nursing Forum	Associate Editor & Founder of the <i>ONF</i> Department “Critical Perspectives”
2019	Oncology Nursing Society Future of Oncology Nursing Invitation-only Co-Creation Workshop and Consultation, ONS Headquarters, Pittsburgh, PA, United States	Consultant & Participant
2018-present	Gerontological Society of America (GSA) Cancer & Aging Research Interest Group	Co-Convener
2017-	Oncology Nursing Society Foundation Scientific Review Panel	Scientific Review Board Member
2016	Oncology Nursing Society (ONS) – Annual Congress Research Track consultation	Consultant
2014	International Network for Doctoral Education in Nursing INDEN Conference Planning Committee	Chair , Conference Theme Committee Member & Reviewer , Awards Committee

National

Years	Task Force/Activity	Role
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2020-	Fellow & Expert Panel Member, American Academy of Nursing	Fellow (FAAN)
2020-	Nursing Mutual Aid 2020 digital mutual aid resource-sharing platform & virtual Twitter conference https://nursingmutualaid.squarespace.com	Founder/ Co-Organizer
2020-	National Nursing LGBTQ+ Health Summit Research Committee	Co-Chair
2018-2021	Nurse Innovation Advisory Board American Nurses Association	Advisory Board Member
2019	American Academy of Nursing Inaugural National Nursing LGBTQ+ Health Summit, Columbia University, New York City, NY, United States	Plenary Speaker & Representative for UMASS-Amherst
2018-	American Association for the Advancement of Science (AAAS), Washington, DC	AAAS-Lemelson Invention Ambassador
2017	NIH Rally for Medical Research Capitol Hill Visits, Washington, D.C.	Nurse scientist representative to offices of U.S. Congressional Representatives and Senators
2012-2016	Building Academic Geriatric Nursing Capacity/ Hartford Gerontological Nursing Leaders Policy/Leadership Committee	Committee Member

State of Maryland

Years	Task Force / Activity	Role
2010-2013	Ad Hoc Committee on Technology Integration within the Maryland Nurses Association	Committee Chair
2010	Advocacy and empowerment: A training workshop for nurses and nursing students	Membership Committee Chair
2009, 2010	Nurses' Lobby Day, Annapolis, Maryland	Membership Committee Chair
2006 – 2007	State of Maryland Workforce Shortage Committee, Task Force for Nursing Shortage	Nursing Guest Consultant
2006	Lobbying for Higher Education, Meeting with Legislators from Maryland General Assembly	Nursing Student Representative

State of Massachusetts

Years	Task Force / Activity	Role
2015	Hartford Gerontological Nursing Leaders Educating Legislators about Issues in Aging Capitol Hill (Senator Warren's & Senator Markey's offices) Washington, DC	Organizer

University of Massachusetts Amherst

Years	Committee/Activity	Role
May 2020-	UMASS Amherst Provost's Task Force for Re-Opening the University	Research & Libraries Task Force Appointed Member

2020-	Research Policy Committee (RPC)	RPC Chair
2019-	ADVANCE Institutional Transformation Program (NSF-sponsored)	ADVANCE Collaboration & Equity (ACE) Faculty Fellow
2019-2020	Resource Allocation & Equity Task Force (Sub-Committee of the Research Council)	Task Force Chair
2019	Graduate School Academic Grievance Panel <i>Appointed by Dean Barbara Krauthammer</i>	Faculty Member
2019	Armstrong Innovation Award Review Panel	Scientific Review Board Member
2016-present	UMASS Amherst Faculty Research Grant (FRG) Review Panel	Scientific Review Board Member
2018-present	UMASS Public Sector Engagement Grant (PSEG) Review Panel	Scientific Review Board Member
2018-present	Center for Personalized Health Monitoring, Institute for Applied Life Sciences (IALS)	Associate Director
2018-present	Center for Community Health Equity Research (CCHER), School of Public Health	Steering Committee Member
2018-2019	IALS Center for Personalized Health Monitoring Facilities Director Search Committee	Member
2017-2018	IALS/Nursing Joint Tenure-track Faculty Search Committee	Nurse Faculty Member
2017-2018	Institute for Applied Life Sciences Center for Personalized Health Monitoring Steering Committee	Steering Committee Member, Research Track Leader
2016-present	Research Council UMASS Faculty Senate	Council Member (nominated & elected)
2016-2017	UMASS Amherst Cancer Interest Group (interdisciplinary, student-run group officially-sponsored by the American Society of Clinical Oncology)	Faculty Advisor & Founder
2016-	UMASS Statewide Undergraduate Research Day	Session Chair & Faculty Sponsor
2015-2016	Faculty Search Committee Department of Kinesiology Search	Committee Member representing behavioral science expertise

Years	Committee/Activity	Role
September 2019- present	PhD Program	PhD Program Director & Ex-Officio Member, PhD Academic Matters Committee
September 2019-May 2019	Masters in Nursing Education & Masters in Nursing Science Program	Masters Program Director
2015-2016, 2019-	Personnel Committee, UMass Amherst College of Nursing	Tenure-track Faculty Member (elected)
2018-present	IALS/Nursing Joint Faculty Tenure-Track Search Committee	Tenure-Track Search Committee Joint Chair
2015-present	PhD Academic Matters Committee Comprehensive Exams Task Force (2015-2018)	Faculty Member (elected) One of three-member task force to redesign, administer & evaluate the new PhD written comprehensive exam
2018-2019	Nomination & Bylaws Committee	Member (elected)
2018	Dean's Strategic Plan Task Force	Council Member (appointed by Dean)
2015-present	PhD Academic Matters Committee	Elected Member
2015-present	Undergraduate Research Honors Program	Faculty Sponsor/Thesis Advisor
2015-2016	Committee on Diversity & Social Justice UMass Amherst College of Nursing	Committee Chair
2015-2016, 2019-2020	Personnel Committee, UMass Amherst College of Nursing	Committee Member
2015-present	PhD Academic Matters Committee, Comprehensive Exams Task Force	One of three-member task force to redesign, administer & evaluate the new PhD written comprehensive exam
2014-2015	UMass i4Nursing Pilot, Apple iPad Super-User Training	Designated iPad Super-user, Nursing Faculty representative on iTunesU university-wide planning committee with UMass Vice Provost of Information Technology & Apple National Representative
2014-2015	Seedworks Symposium on Social Justice Committee, "Health is a Human Right", March 30, 2015	Organizing Committee Member
2014	AARP Foundation Campus Visit	Facilitated initial contact & co-facilitated AARP representative visit to UMass campus; contributed to visit report & follow-up planning

2014	Social Justice Book Drive: Collection of Textbooks & Clinical Companions for Butare Hospital, Rwanda In collaboration with STTI Nu Beta Chapter & SNO	Organizer
2014-2016	Team Hope: Clinical faculty, undergraduate & DNP students interested in research on cancer	Research Faculty Member/ Co-Organizer
2014-2016	End of Life Nursing Curriculum/NEPIG – Integrating Content into DNP Program Working Group	Co-Founding Member
2014	Winter Faculty Retreat Planning Committee	Member, Presenter

Johns Hopkins University School of Nursing

Years	Committee / Activity	Role
2014	Task Force on Developing PhD & Postdoctoral Fellow Mentoring Guidelines	Task Force Member
2013-2014	Aging & Activities Working Group Center for Innovative Care in Aging	Group Member
2013-2014	Cancer & Aging Theory Workgroup Center for Innovative Care in Aging	Co-Leader
2013	Undergraduate Research Honors Panel on Doctoral Study in Nursing BSN Research Honors Program Students	Panelist
2012	Center for Innovative Care in Aging Summer Research Institute on Designing Behavioral Interventions	Doctoral Student Ambassador
2012	Office of Teaching Excellence Graduate Teaching Assistant Online Training & Workshop PhD Students	Consultant (Content Reviewer)
2010	Nurses Working in Haiti Relief Efforts Panel Discussions & Presentations Johns Hopkins University School of Nursing April 13, 2010	Nurse Panelist
2010	Teaching Excellence Awards Committee Johns Hopkins University School of Nursing Alumni Association April 5, 2010	Doctoral Student Representative
2010	Doctoral Students Organization Took Office February 2010 through June 2010	President
2009	Doctoral Students Organization Elected May 15, 2009	Vice-President
2009	Undergraduate Research Honors Program: Questions & Answers about Doctoral Education, May 2, 2009	Guest Doctoral Student
2008	PhD Program Recruitment: Participation in PhD Program Information Session, November 10, 2008	Doctoral Student Representative

Continuing Education 2020-2021:

Health Ethics Book Club: White Tears/Brown Scars: How White Feminism Betrays Women of Color by Ruby Hamad
Live discussion on December 4, 2020.

This activity will award 5.5 contact hours upon successful completion.

Criteria for successful completion include reading the book *White Tears/Brown Scars: How White Feminism Betrays Women of Color* by Ruby Hamad, attendance of the live book discussion, credit awarded commensurate with participation, and completion of the post activity online evaluation form.

There is no conflict of interest for anyone in a position to control content of this activity.

University of Illinois Chicago College of Nursing is approved as a provider of nursing continuing professional development by the Ohio Nurses Association, an accredited approver by the American Nurses Credentialing Center's Commission on Accreditation. (OBN-001-91)

Health Ethics Book Club: *Hood Feminism* by Mikki Kendall

Live discussion on October 8, 2020

This activity will award 5.5 contact hours upon successful completion.