### **Curriculum Vitae**

Name: Sarah M. Belcher, PhD, RN, OCN®

Business Address: 415 Victoria Building E-Mail Address: sarah.belcher@pitt.edu

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**Business Phone:** (412) 383-1470 **Business Fax:** (412) 383-7293

### **Education and Training**

Undergraduate

08/1997 – 06/2002 The Ohio State University BSN

Columbus, OH Nursing

Clinical

08/2002 – 08/2003 Duke University Medical Center Nursing Internship

Durham, NC Oncology

Graduate

08/2013 – 08/2018 University of Pittsburgh PhD

Pittsburgh, PA Nursing

09/2018 – 12/2019 Emory University Postdoctoral Fellowship

Atlanta, GA Biobehavioral Oncology

05/2021 – 12/2022 University of Pittsburgh Graduate Certificate in Health Equity

(Anticipated) Pittsburgh, PA School of Public Health

**Other Faculty Development** (selected)

10/2022-present Peer Coaching, bi-monthly training provided by Edge Leadership

Solutions, Pittsburgh, PA

10/2022-present Translation to Independence Program (TIPS): Tipping Ks into Rs, bi-

monthly meetings and seminars led by Dr. Suda, Institute for Clinical

Research Education, University of Pittsburgh, Pittsburgh, PA

2018-2019 K-Club monthly meetings and seminars, Emory Department of Pediatrics

and Children's Healthcare of Atlanta, Atlanta, GA

06/2017 Structural Equation Modeling: Foundations and Extended Applications,

Stats Camp led by Dr. Todd Little, Albuquerque, NM

07/2016 Precision Health: From 'Omics' to Data Science Boot Camp, National

Institute of Nursing Research, Bethesda, MD

Applying Epidemiologic Methods for Observational Data in Survivorship Research training course, National Cancer Institute, 8<sup>th</sup> Biennial Cancer Survivorship Conference, Washington, DC
 Research Coordinator Orientation 3-day training course, Clinical and Translational Science Institute, University of Pittsburgh, Pittsburgh, PA
 Faculty Development University Teaching Practicum, Dietrich School of Arts & Sciences, University of Pittsburgh, PA

### **Appointments and Positions**

	<u> </u>	
Academic 02/2022 – present	University of Pittsburgh School of Medicine Palliative Research Center Pittsburgh, PA	Assistant Professor / Core Faculty Member
04/2020 – present	UPMC Hillman Cancer Center Biobehavioral Cancer Control Progr Pittsburgh, PA	Assistant Professor / Member
01/2020 – present	University of Pittsburgh School of Nursing Pittsburgh, PA	Assistant Professor / Tenure Stream
09/2018 – 12/2019	Emory University Nell Hodgson Woodruff School of Nursing Atlanta, GA	Postdoctoral Fellow
09/2016 - 01/2018	University of Pittsburgh Pittsburgh, PA PI: Nilsen, M	Graduate Research Assistant
05/2015 - 08/2015	University of Pittsburgh Pittsburgh, PA PI: Campbell, G	Graduate Research Assistant
01/2014 - 08/2014	University of Pittsburgh Office of Community Partnerships Pittsburgh, PA	Graduate Nursing Intern
08/2013 - 07/2015	University of Pittsburgh Dept. of Acute & Tertiary Care Pittsburgh, PA	Clinical Instructor and Teaching Assistant

<b>Non-Academic</b> 03/2012 – 05/2013	University Hospitals Seidman Cancer Center Cleveland, OH	Nurse Manager Med Onc/Benign Heme			
05/2011 - 03/2012	University Hospitals Seidman Cancer Center Cleveland, OH	Assistant Nurse Manager Med Onc/Benign Heme			
2009 – 2011	The Ohio State University James Cancer Hospital Columbus, OH	Staff Nurse Acute Leuk/Progressive Care Unit			
2003 – 2009	The Ohio State University James Cancer Hospital Columbus, OH	Staff Nurse Heme Malignancy			
2003 – 2006	Ohio Health Kobacker House Columbus, OH	Contingent RN Inpatient Hospice			
2002 – 2003	Duke University Medical Center Durham, NC	Clinical Nurse and Oncology Nursing Intern Bone Marrow Transplant			
2000 – 2002	The Ohio State University James Cancer Hospital Columbus, OH	Student Nursing Assistant Surg Onc			
	Licensure and Certifica	ation_			
2020	DNI(4504)	<b>D</b> .			
2020 – present	RN647946	PA			
2018 - 2020	RN280050	GA			
2013 - 2018	RN647946	PA OH			
2003 - 2013 $2002 - 2003$	RN307151 RN184838	NC			
2002 – 2003	KIN104030	NC			
2009 – present	Oncology Certified Nurse (OCN®)	Oncology Nursing Certification Corporation			
1999 – present	Healthcare Provider BLS	American Heart Association			
Membership in Professional and Scientific Societies					
2020 – present ESPACOMP International Society for Patient Medication Adherence Early Career Researcher (ECR) Network member					

2019 - 2020	Multinational Association of Supportive Care in Cancer
2018 - 2020	International Society of Quality of Life Research
2016 – 2018	International Society of Nurses in Cancer Care
2002 – present 2020 – present 2021 – present 2018 – 2020 2014 – 2018 2002 – 2014	Sigma (nursing honor society) Eta chapter, Pittsburgh, PA Research Awards Grants Reviewer Alpha Epsilon chapter, Atlanta, GA Eta chapter, Pittsburgh, PA Epsilon chapter, Columbus, OH
2002 – present 2021 – 2022	Oncology Nursing Society Invited subject matter expert and nurse lead on development of ONS Guidelines <sup>TM</sup> to Support Patient Adherence to Oral Anticancer Medications
2021 - 2022	ONS 2022 Oral Anticancer Medication Toolkit revisions, focus group participant
2022	Oncology Nursing Foundation, Doctoral (PhD) Research Academic Scholarship, reviewer
2020 – present	Greater Pittsburgh chapter
2018 - 2020 $2020$	Metro-Atlanta chapter Program Speaker
2013 - 2018	Greater Pittsburgh Chapter
2017 - 2018	Health Policy Committee, member
2017	ONS Capitol Hill Days, chapter representative
2015 - 2018	Social Media Site Administrator
2015 - 2017	Director at Large
2015 - 2017	Program Planning Committee
2015 - 2017	CEU Nurse Planner
2002 – 2013	Columbus chapter
2020 – present	Oncology Nurse Scientist Collaborative
2019 - 2020	Hospice and Palliative Nurses Association
2015 – 2020 2016	American Society of Clinical Oncology Featured Voice on Twitter at the Cancer Survivorship Symposium
2015 – 2018	American Association of Colleges of Nursing Graduate Nursing Student Academy
$2017 - 2020 \\ 2017 - 2019 \\ 2017 - 2019$	American Nurses Association Pennsylvania State Nurses Association Pennsylvania District 06
2014 - 2018	Eastern Nursing Research Society

2020 – present	Palliative Care Research Cooperative
2022 – present	Palliative Research Center, University of Pittsburgh, Core Faculty Member
2022 – present	Alan Gleitsman Student Research Fund in Palliative Care, Mentor
2020 – present	UPMC Hillman Cancer Center, Biobehavioral Cancer Control Program, Full Member
	<u>Honors</u>
09/2022	Graduate Faculty appointment University of Pittsburgh
07/2022 – present	Supporting Our Scientists program participant awardee Schools of Health Sciences and Institute for Clinical Research Education University of Pittsburgh
07/2022 – present	PITT Mothers Leading Science Scholar Clinical and Translational Science Institute & Institute for Clinical Research Education University of Pittsburgh
07/2021-06/2023	Loan Repayment Program Awardee Extramural Clinical Research National Institutes of Health, National Cancer Institute
06/2021-07/2022	Early Career Reviewer (ECR) program participant Center for Scientific Review, National Institutes of Health
06/2019	2019 Outstanding Trainee Award, Survivorship Study Group Multinational Association of Supportive Care in Cancer
04/2019	Outstanding Scholarship Poster Award, graduate and postgraduate category, Alpha Epsilon chapter of Sigma
03/2019	Judy Lentz Scholarship for the Advancement of Palliative Care in Oncology Nursing, Hospice & Palliative Nurses Foundation
06/2017	1st Place Poster Award, Population Sciences Cancer Research University of Pittsburgh Cancer Institute
06/2017	Abstract selected for Lightening Rounds presentation, Population Sciences Cancer Research, University of Pittsburgh Cancer Institute
05/2017	PhD Scholarship, Nightingale Awards of Pennsylvania

03/2017	Doctoral Degree Scholarship in Cancer Nursing, American Cancer Society
02/2017	Conference Scholarship, Oncology Nursing Society Foundation
08/2016	Travel Grant, University of Pittsburgh Graduate and Professional Student Government
04/2016	Travel Grant, University of Pittsburgh Graduate Nursing Student Organization
12/2015	Joseph Schafer Award for volunteerism, Greater Pittsburgh Chapter of Oncology Nursing Society
12/2015	Exemplar Award for practice that has made a difference in the life of a cancer patient, Greater Pittsburgh Chapter of Oncology Nursing Society
07/2015	Robert Wood Johnson Foundation Future of Nursing Scholars awardee
06/2015	2 <sup>nd</sup> Place Poster Award, Population Sciences Cancer Research University of Pittsburgh Cancer Institute
02/2015	Travel Grant, University of Pittsburgh Graduate Nursing Student Organization
09/2014	Bessie Li Sze Memorial Scholarship for academic achievement in oncology, University of Pittsburgh School of Nursing
03/2013	Sally Ann Shipley Award for excellence and leadership in patient safety and quality, University Hospitals Case Medical Center
05/2007	Nursing Clinical Excellence Award, The Ohio State University, James Cancer Hospital
2002	Sigma international nursing honor society inductee
1998	National Society of Collegiate Scholars, inductee

## **Publications**

\* = Data Based; ^ = First Author; § = Senior Author; underlined = trainee or student; + = invited

### **Refereed Articles**

1. \* Ray M, Wallace MK, <u>Grayson SC</u>, <u>Cummings M</u>, <u>Davis JA</u>, Scott J, **Belcher SM**, <u>Davis T</u>, & Conley YP (n.d.). Epigenomic links between social determinants of health and symptoms: A scoping review. Accepted with revisions at *Biological Research for Nursing*.

2. \* Yeager KA, Rosa WE, **Belcher SM**, <u>Lee S</u>, Lee H, Bruner DW, & Maghani SH (n.d.). A qualitative study of the pain experience of Black individuals with cancer taking long-acting opioids. Accepted with revisions at *Cancer Nursing*.

- 3. \* Belcher S, Lee H, Nguyen J, Curseen KL, Lal A, Zarrabi AJ, Gantz L, Rosenzweig MQ, Hill JL, & Yeager K (2023). Financial hardship and quality of life among patients with advanced cancer receiving outpatient palliative care: A pilot study. *Cancer Nursing*, 46 (1), 3-13. doi: 10.1097/NCC00000000000001052
- 4. Sivakumaran K, Ginex PK, Waseem H, **Belcher SM**, <u>Lagler-Clark S</u>, <u>LeFebvre K</u>, Palmer N, Pasumarthi T, & Morgan RL (2022). Domains of structured oral anti-cancer medication programs: A scoping review. *Oncology Nursing Forum*, 49 (4), 296-306. doi:10.1188/22.ONF.296-306
- 5. \*^ Belcher SM, Mackler E, Muluneh B, Ginex P, Anderson MK, Bettencourt E, DasGupta RK, Elliott J, Hall E, Karlin M, Kostoff D, Marshall VK, Millisor VE, Molnar M, Schneider SM, Tipton J, Yackzan S, LeFebvre KB, Sivakumaran K, Waseem H, & Morgan R (2022). ONS Guidelines<sup>TM</sup> to support patient adherence to oral anticancer medications. *Oncology Nursing Forum*, 49 (4), 279-295. doi:10.1188/22.ONF.279-295

  Published in the ECRI Guidelines Trust® repository, which includes objective, evidence-based clinical practice guideline content to advance safe and effective patient care.
- 6. \* Campbell GB, **Belcher SM**, Lee YJ, Courtney-Brooks M, Bovbjerg DH, Bizhanova Z, & Donovan HS (2022). Intensive daily symptom and function monitoring is feasible and acceptable to women undergoing first line chemotherapy for gynecologic cancer. *Cancer Nursing*, 45 (5), 369-377. doi:10.1097/NCC.000000000001042
- 7. \* Moris JL, **Belcher SM**, <u>Jeon B</u>, Godzik CM, Imes CC, Luyster F, Sereika SM, Scott PW, & Chasens ER. (2021). Financial hardship and its associations with perceived sleep quality in participants with type 2 diabetes and obstructive sleep apnea. *Chronic Illness*. Advance online publication. doi: 10.1177/17423953211065002
- 8. \*^ Belcher SM, Bruner DW, Hofmeister CC, Kweon J, Meghani SH, & Yeager KA (2020). Characterizing pain experiences: African American patients with multiple myeloma taking around-the-clock opioids. *Clinical Journal of Oncology Nursing*, 24 (5), 538-546. doi:10.1188/20.CJON.538-546
- 9. \* Thomas TH, Campbell GB, Lee YJ, Roberge MC, Kent EE, Steel JL, Posluszny DM, Arida JA, **Belcher SM**, Sherwood PR, & Donovan HS (2021). Priorities to improve cancer caregiving: Report of a caregiver stakeholder workshop. *Supportive Care in Cancer*, 29 (5), 2423-2434. doi: 10.1007/s00520-020-05760-y
- 10. \*^ **Belcher SM**, Donovan HS, Sherwood PS, Bovbjerg DH, Campbell GB, & Sereika SM (2020). Psychobehavioral risks factors for financial hardship and poor functional outcomes in survivors of multiple primary cancers. *Psycho-Oncology*, 29 (3), 507-516. doi:10.1002/pon.5293

11. \* Bai J, **Belcher SM**, Meador R, <u>Daniel G</u>, Shelton JW, Patel P, Dolan M, Arluck J, Khanna N, Horowitz I, Liu T, & Bruner DW (2021). Comparisons of depression, sexual function, and quality of life between women with gynecological cancers and race-matched healthy controls. *Cancer Nursing*, 44 (2), 116-124. doi:10.1097/NCC.00000000000000744

- 12. § Thomas T, Hughes T, Mady LJ, & **Belcher SM** (2019). Financial toxicity: A review of the literature and nursing opportunities. *Clinical Journal of Oncology Nursing*, 23 (5), 5-13. doi:10.1188/19.CJON.S2.5-13
- 13. \* Hand LC, Thomas TH, **Belcher SM**, Campbell G, Lee YJ, Roberge M, & Donovan HS (2019) Defining essential elements of caregiver support in gynecologic cancers utilizing the modified Delphi Method. *Journal of Oncology Practice*, *15* (4), e369-e381. doi:10.1200/JOP.18.00420
- 14. Rosenzweig MQ, Nugent B, **Belcher SM**, Welsh A, & Aitken L (2019) When the patient has cancer: Effective nurse communication in the non-oncology setting about neutropenic fever. *Medsurg Nursing*, 28 (3), 157-162.
- 15. \* Hand LC, Thomas TH, **Belcher S**, Campbell G, Lizaso C, Yee YJ, Roberge M, Lizaso C, Sparacio D, & Donovan HS (2018). Caregiving is a marathon not a road race: Re-envisioning caregiver support services in gynecologic oncology. *International Journal of Gynecological Cancer*, 28 (9), 1722-1727. doi:10.1097/IGC.000000000001360
- 16. \*^ Belcher SM, Low CA, Posluszny DM, Schear R, Kramer RE, & Donovan HS (2017). Psychological distress, health behaviors, and benefit finding in survivors of multiple primary cancers: Results from the 2010 Livestrong survey. *Oncology Nursing Forum*, 44 (6), 703-711. doi:10.1188/17.ONF.703-711
- 17. \* Hagan TL, **Belcher SM**, & Donovan HS (2017). Mind the mode: Differences in paper vs. web-based survey modes among women with cancer. *Journal of Pain and Symptom Management*, 54 (3), 368-375. doi:10.1016/j.jpainsymman.2017.07.005
- 18. \*^ Belcher SM, Hausmann EA, Cohen SM, Donovan HS, & Schlenk EA (2017). Examining the relationship between multiple primary cancers and psychological distress: A review of current literature. *Psycho-Oncology*, 26 (12), 2030-2039. doi:10.1002/pon.4299

#### **Published Abstracts**

- 1. \*§ <u>Green C</u>, Yeager KA, Curseen KA, & **Belcher SM** (2022). Patient-provider communication and cancer-related financial hardship in the context of serious illness. Poster presented at the 4<sup>th</sup> Annual Palliative Research Center (PaRC) Retreat, Pittsburgh, PA, October 13, 2022. Poster available at <a href="https://www.palcare.pitt.edu/2022-retreat-posters/">https://www.palcare.pitt.edu/2022-retreat-posters/</a>
- Sivakumaran K, Ginex PK, Waseem H, <u>Lagler-Clark S</u>, Palmer N, Pasumarthi T, <u>LeFebvre K</u>, **Belcher S**, & Morgan RL (2021). Components of a structured oral anti-cancer medication program: A scoping review of the literature. *International Journal of Clinical Pharmacy*, 44 (1), 291. doi: 10.1007/s11096-021-01373-5
   Presented virtually at the 25<sup>th</sup> Annual Conference of ESPACOMP November 2021; recording available at: https://vimeo.com/643387463/464e615d0d

3. \* Moris JL, Baniak L, Belcher SM, Imes C, Luyster F, Scott PW, Sereika SR, & Chasens ER (2020). Perceived financial difficulty predicts sleep quality in participants with type 2 diabetes and obstructive sleep apnea. SLEEP, 43 (Supplement 1), A401. doi: 10.1093/sleep/zsaa056.1052
Presented virtually at Sleep 2020, the 34th annual meeting of the Associated Professional Sleep Societies.

- 4. \*^ Belcher S, Curseen KL, Lal A, Nguyen J, Gantz L, & Yeager K (2020). Exploring financial hardship and quality of life in patients with advanced cancer in the ambulatory palliative care setting. Oncology Nursing Forum, 47 (2), 243. doi: 10.1188/20.ONF.E56
  Selected among top-scoring research abstracts for moderated poster presentation at Oncology Nursing Society 45th Annual Congress. Meeting cancelled due to COVID-19; e-poster displayed at ONS Bridge virtual conference.
- 5. \*^ Belcher S, Donovan H, Bovbjerg D, Campbell G, Sherwood P, & Sereika S (2019). Characterizing psychobehavioral risks in survivors of multiple primary cancers [Abstract eP547]. Supportive Care in Cancer, 72 (Supplement 1), S213. doi:10.1007/s00520-019-04813-1
  - 2019 Outstanding Trainee Award, Survivorship Study Group, Multinational Association of Supportive Care in Cancer/International Society of Oral Oncology Annual Meeting
- 6. \* Donovan HS, Campbell G, **Belcher SM**, & Bovbjerg, D. (2019). Prevalence and predictors of post-treatment peripheral neuropathy in survivors of cancer: Results from the 2010 LIVESTRONG survey [Abstract eP719]. *Supportive Care in Cancer*, 72 (Supplement 1), S273. doi:10.1007/s00520-019-04813-1
- 7. \* Campbell G, **Belcher S**, Lee YJ, Roberge M, Thomas T, & Donovan H (2019). Social role disability among adult cancer survivors: Results from the 2010 LIVESTRONG survey [Abstract eP631]. *Supportive Care in Cancer*, 72 (Supplement 1), S242. doi:10.1007/s00520-019-04813-1
- 8. \* Nilsen M, Bender C, **Belcher S**, Lyu L, <u>Harrison C</u>, & Johnson J (2019). Self-reported cognitive impairment and correlates in long-term head and neck cancer survivors. *Oncology Nursing Forum*, 46 (2), 37. doi:10.1188/19.ONF.E74
- 9. \* Hand L, Campbell G, Hagan T, Lee YJ, **Belcher SM**, Roberge M, & Donovan HAS (2018). Essential elements of caregiver support in gynecologic oncology [Abstract 160]. *Journal of Clinical Oncology*, 36 (30\_suppl), 160.
- 10. \*^ Belcher S, Campbell G, Hagan T, Lee YJ, Lersch NM, & Roberge M. (2018). A comparison of the unmet needs of gynecologic cancer survivors with a history of one versus multiple primary cancers [Abstract 436]. *Oncology Nursing Forum, 45* (2), 245. doi:10.1188/18.ONF.E34
- 11. \* Wang L, Belcher S, & Donovan H (2018). Cross-cultural comparison between United States and Chinese survivors of recurrent ovarian cancer [Abstract 512]. *Oncology Nursing Forum*, 45 (2), 286. doi:10.1188/18.ONF.E34

- 12. \* Nilsen ML, **Belcher S**, Donovan HS, Klem ML, <u>Morrison A</u>, Sereika SM, & Johnson JT (2018). Late and long-term effects among survivors of head and neck cancer at least 5 years posttreatment: A systematic review. *International Journal of Radiation Oncology, Biology, Physics*, 100 (5), 1401.
- 13. \*^ Belcher SM, Sereika SM, Mattos MK, Hagan TL, & Donovan HS (2017). Comparison of symptoms and quality of life in recurrent ovarian cancer by rural/urban residence: Ancillary analysis of GOG-0259. *International Journal of Gynecological Cancer*, 27 (Supplement 4), 1433.
- 14. \*^ Belcher SM, Sereika SM, Dodson Z, Mattos MK, Hagan TL, & Donovan HS (2017). Comparison of rural versus urban residence for symptoms and quality of life in women with advanced ovarian cancer: Baseline analysis of GOG-0259, an NRG Oncology/GOG study. *Journal of Clinical Oncology*, 35 (15\_Supplement), e18083. doi:10.1200/JCO.2017.35.15 suppl.e1803
- 15. \* Sherwood P, Ren D, Given CW, Donovan H, Weimer J, **Belcher S**, & Given B (2016). The impact of caregivers' depression on their physical health. *Psycho-Oncology*, 25 (Special Supplement S3), 24. doi: 10.1002/pon.4272
- 16. \*^ Belcher S, Low C, Posluszny D, & Donovan H (2016). Correlates of psychological distress, health behaviors, and benefit finding in survivors of multiple primary cancers: Results from the 2010 LIVESTRONG Survey [Abstract A-61]. 8th Biennial Cancer Survivorship Research: Innovation in a Rapidly Changing Landscape Abstract Book, 41-42. Retrieved from: www.cancer.org/subsites/Survivorship2016/2016biennialabstractbook
- 17. \*^ Belcher SM, Klem ML, Cohen SM, <u>Hausmann E</u>, Donovan HS, & Schlenk EA (2016). Examining the relationship between multiple primary cancers and cancer-related distress: A systematic literature review. *Journal of Clinical Oncology, 34* (Supplement 3S), 214. doi:10.1200/jco.2016.34.3 suppl.214
- 18. \*^ Belcher S, Arida J, Campbell G, Hagan T, Skrovanek E, & Donovan HS (2015). Exploring well-being, social support, and financial vulnerability in women with recurrent ovarian cancer who report more than one primary cancer diagnosis within the past 3 years. *Nursing Research*, 64 (2), E68. doi: 10.1097/NNR.00000000000000089
- 19. \*^ Skrovanek E, Hagan T, Campbell G, **Belcher S**, Arida J, Ackison G, & Donovan H (2015). Influence of causal attributions on cancer-related distress. *Nursing Research*, 64 (2), E126-E127. doi: 10.1097/NNR.00000000000000099
- 20. \* § Miano WR, Silverman P, Colella F, McQuigg B, Hines H, Ciarallo S, Whittington L, & **Belcher S** (2012). Elective chemotherapy admission pilot and work-flow improvements to reduce excess days [Abstract 101]. *Journal of Clinical Oncology, 30* (Supplement 34). doi: 10.1200/jco.2012.30.34\_suppl.101

### Book Chapters and Books, peer reviewed

1. ^+ **Belcher S** & Bruner DW (2021). Sexual function and dysfunction. In McQuestion M, Drapek LC, & Witt ME (Eds.). *Manual for radiation oncology nursing practice and education* (5<sup>th</sup> ed., pp. 68-79). Oncology Nursing Society.

### **Other Publications**

1. \*^ Belcher SM (2018). Characterizing psychobehavioral risks in survivors of multiple primary cancers (Order No. 13819735). Available from ProQuest Dissertations & Theses A&I; ProQuest Dissertations & Theses Global. (2162594669). Retrieved from: https://search.proquest.com/docview/2162594669

### Research

### **Principal Investigator**

Center for Research and Education, University of Pittsburgh School of Nursing, Pilot/Feasibility Study Program

Exploring Biological Pathways Associated with Symptoms and Adherence to Oral Anticancer Medications among Patients with Multiple Myeloma

01/01/2023 - 12/31/2023 (award pending review)

Direct Costs: \$14,990

National Institute of Nursing Research, K23NR019296

Understanding Oral Anticancer Medication Adherence among Patients with Multiple Myeloma

08/01/2020 - 07/31/2023, 75% Effort

Direct Costs: \$340,856

Alpha Epsilon chapter of Sigma

Examining the Relationship between Economic Hardship and Quality of Life in Patients with Multiple Myeloma

06/04/2019 - 06/03/2020

Total Costs: \$1,000

Nightingale Awards of PA, PhD Scholarship

Characterizing Psychobehavioral Risks in Survivors of Multiple Primary Cancers

08/01/2017 - 07/31/2018

Total Costs: \$3,500

American Cancer Society, DSCN-17-077-01-SCN

Characterizing Psychobehavioral Risks in Survivors of Multiple Primary Cancers

07/01/2017 - 06/30/2018

Total Costs: \$15,000

Margaret E. Wilkes Scholarship, University of Pittsburgh School of Nursing Examining Predictors of Self-Management and Correlates among Biobehavioral Mechanisms Influencing Health Outcomes in Adults with Multiple Primary Cancers 09/2016 – 06/2018

Total Costs: \$4,421

Newmeyer-Thompson Doctoral Student Award, University of Pittsburgh School of Nursing Examining the Relationship between Multiple Primary Cancers, Psychological Distress, and Health Promotion Behaviors: A Secondary Data Analysis of the 2010 LIVESTRONG Dataset 09/01/2015 – 08/31/2016

Total Costs: \$533

## **Co-Principal Investigator**

Co-PIs: Belcher and Yeager, Emory University

Center for Nursing Excellence in Palliative Care, Nell Hodgson Woodruff School of Nursing, Emory University #NEPC-2018-01

Examining the Relationship between Economic Hardship and Quality of Life in the Outpatient Oncology Palliative Care Setting: A Pilot Study

04/01/2019 - 03/31/2020 Total Costs: \$14,898

#### Other

PI = Rubio, Davis, & Weisz, University of Pittsburgh

Doris Duke Charitable Foundation Fund, #2021382-OF, and University of Pittsburgh Supporting our Scientists: Fund to Retain Clinical Scientists at the University of Pittsburgh 10/01/2021 - 09/30/2023

Role = Awardee during funding period 06/08/2022 - 07/15/2023

Total Awardee Costs: \$43,000

PI = Song/Yang, Emory University

National Institute of Nursing Research, #3P30NR018090-02S2

Pilot for Center for the Study of Symptom Science, Metabolomics and Multiple Chronic Conditions: Oral Health, Inflammation, and the Risk of Mild Cognitive Impairment among Cancer Caregivers

09/01/2019 - 08/31/2020

Role = Postdoctoral Fellow, 5% Effort

Total Costs: \$338,019

### **Other Scholarly Activities**

### **Educational or Training Grants**

PI = Cohen, University of Pittsburgh

Robert Wood Johnson Foundation and University of Pittsburgh School of Nursing

Future of Nursing Scholars 08/01/2015 – 06/30/2018

Role = Trainee during funding period 08/01/2015 - 06/30/2018

Total Costs: \$125,000

#### **Grant Reviewer**

08/2022	University of Pittsburgh School of Nursing Doctoral Student Research
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Awards

07/2022 National Institutes of Health; Risk, Prevention and Health Behaviors

(RPHB) Integrated Review Group (IRG); "Small Business: Disease Management, Risk Prevention, and Health Behavior Change" review

panel

2021 – 2022 Center for Scientific Review (CSR) Early Career Reviewer (ECR)

program participant, National Institutes of Health

2021 – present Eta chapter, Sigma Theta Tau International Honor Society of Nursing

### Manuscript Reviewer, ad hoc

Cancer	12/2019; 03/2020; 05/2020
Health Psychology	02/2019
	4.4.0.4.0.00.4.0.0.4

Health Psychology Open 11/2019; 09/2021

Journal of Applied Biobehavioral Research 07/2018

Journal of the National Comprehensive Cancer 05/2020; 01/2021

Network

*Journal of Oncology Practice* 07/2019; 11/2019; 01/2020

PLOS One 11/2020; 3/2021 Psycho-Oncology 03/2018; 02/2020

Link to verified summary of peer reviews: <a href="https://publons.com/researcher/1431705/sarah-m-belcher/">https://publons.com/researcher/1431705/sarah-m-belcher/</a>

#### **Abstract Reviewer**

08/2021 American Association of Cancer Education, 2021 International Cancer

**Education Conference** 

10/2022 University of Pittsburgh selection of PhD program representative for Eastern

Nursing Research Society (ENRS) limited submission

#### **Award Reviewer**

2022 Oncology Nursing Foundation, Doctoral (PhD) Research Academic Scholarship

### **Unpublished Presentations**

#### **International**

1. \* <u>Skrovanek E, Hagan T, Campbell G, Belcher S, Arida J, Ackison G, & Donovan H.</u> Causal attributes of ovarian cancer. Podium abstract presentation at the 1<sup>st</sup> Annual International Conference for Nursing, Athens, Greece, May 2015.

#### **National**

- 1. Hand L, Campbell G, Hagan T, Lee YJ, **Belcher SM**, Roberge M, & Donovan HAA. Navigation as an essential element of caregiver support in gynecologic oncology. Poster abstract presentation at the Academy of Oncology Nurse & Patient Navigators 9<sup>th</sup> Annual Navigation & Survivorship Conference, Dallas, TX, November 15-18, 2018.
- 2. \* Swisher M, Talacka A, Arida J, Belcher SM, Campbell G, Hagan T, Hausmann E, Hileman A, Horn C, Kramer R, Savarese A, & Donovan H. Level of education and depressive symptoms are associated with fatigue self-management in women with recurrent ovarian cancer. Poster abstract presentation at the 2017 National Council on Undergraduate Research, Memphis, TN, April 6-8, 2017.
- 3. \* Campbell GB, **Belcher SM**, Ackison G, Simon J, Bovbjerg DH, Courtney-Brooks M, & Donovan H. Intensive neuropathy and falls monitoring in women with gynecologic cancer: Preliminary feasibility. Podium abstract presentation at the Association of Rehabilitation Nurses 2016 REACH Conference, Philadelphia, PA, September 28-October 1, 2016.
- 4. \* Campbell GB, **Belcher SM**, Ackison G, Simon J, Bovbjerg DH, Courtney-Brooks M, & Donovan H. Feasibility of an intensive symptom monitoring study in women with gynecologic cancer. Podium abstract presentation at the Council for the Advancement of Nursing Science State of the Science Congress on Nursing Research, Washington, D.C., September, 15-17, 2016.
- 5. \* Swisher M, Talacka A, Arida J, Belcher SM, Campbell G, Hagan T, Hausmann E, Hileman A, Horn C, Kramer R, Savarese A, & Donovan H. Level of education and depressive symptoms are associated with fatigue self-management in women with recurrent ovarian cancer. Poster abstract presentation at the Cancer Survivorship Research and Best Practice Conference, Cincinnati, OH, March 27, 2016.
- 6. \* Belcher S, Arida J, Campbell G, Hagan T, Skrovanek E, & Donovan HS. (2015, March). Exploring well-being, social support, and financial vulnerability in women with recurrent ovarian cancer who report more than one primary cancer diagnosis within the past three years. Poster abstract presentation at the Cancer Survivorship Research and Best Practice Conference, Cincinnati, OH, March 27, 2016.

#### Regional

1. \* Winters M, Bai J, Belcher SM, Meador R, Dolan M, Jhaney I, & Bruner DW. Associations between the gut microbiome and depression and quality of life in healthy postmenopausal women. Poster discussion and paper poster abstract presentation at the Southern Nursing Research Society's 34<sup>th</sup> Annual Conference, New Orleans, LA, March 18-20, 2020. *Meeting cancelled due to COVID-19*.

2. \*§ Schlusser C, Bruner DW, & Belcher SM. Exploring perceived changes in partner relationship quality and sexual function in women who received radiation therapy for gynecologic cancers: A qualitative study. Poster abstract presentation at the 90<sup>th</sup> Annual Meeting and Conference of the Georgia Public Health Association, Atlanta, GA, May 7-9, 2019.

**Best Student Poster Award.** 

- 3. \* McNamara C, Bai J, Belcher SM, Riddick C, & Bruner D. Comparison of vaginal symptom incidence by clinician versus patient report in per- and post-menopausal patients with and without gynecological cancers. Poster discussion and paper poster abstract presentations at the Southern Nursing Research Society 33<sup>rd</sup> Annual Conference, Orlando, FL, February 27-March 1, 2019.
- 4. \* <u>Daniel G</u>, **Belcher SM**, <u>Riddick C</u>, <u>McNamara C</u>, Bai J, & Bruner DW. Examining the relationship between vaginal pH and sexual function in postmenopausal women. Poster abstract presentation at the Southern Nursing Research Society 33<sup>rd</sup> Annual Conference, Orlando, FL, February 27-March 1, 2019.

#### Local

1. \*^ Belcher SM, Donovan HS, Bovbjerg DH, Campbell GB, Sherwood PR, & Sereika SM. Associations among self-management behavior, distress, financial toxicity, and functional health pathways in adult survivors of multiple primary cancers. Poster abstract presentation at Scholars' Day, Emory University Nell Hodgson Woodruff School of Nursing, Atlanta, GA, April 11, 2019.

Poster Award from Alpha Epsilon chapter of Sigma Theta Tau International for outstanding scholarship, graduate and postgraduate category

- 2. \* <u>Daniel G</u>, **Belcher SM**, <u>Riddick C</u>, <u>McNamara C</u>, Bai J, & Bruner DW. Examining the relationship between vaginal pH and sexual function in postmenopausal women. Poster abstract presentation at Scholars' Day, Emory University Nell Hodgson Woodruff School of Nursing, Atlanta, GA, April 11, 2019.
- 3. \*^ Belcher SM, Sereika SM, Mattos MK, & Donovan HS. Comparison of symptoms and quality of life in recurrent ovarian cancer by rural/urban residence: Ancillary analysis of GOG-0259. Poster abstract presentation at the 29<sup>th</sup> Annual UPCI Scientific Retreat and Satellite Conference, Pittsburgh, PA, June 21-23, 2017.

Received Director's Award for Scientific Excellence, 1st Place Poster Award, Population Sciences Cancer Research.

Selected by program leaders for Population-Based Sciences category Lightening Rounds session podium presentation

4. \*^ Belcher S, Low C, Posluszny D, Schear R, Kramer RE, & Donovan H. Correlates of psychological distress, health behaviors, and benefit finding in survivors of multiple primary cancers: Results from the 2010 LIVESTRONG survey. Poster abstract presentation at the 6<sup>th</sup> Annual Scholarly Poster Presentation Symposium, Pittsburgh, PA, October 31, 2016.

5. \* Donovan H, Campbell G, **Belcher S,** Ferguson R, Jones R, Low C, Manculich J, Posluszny D, Schmidt J, <u>Skrovanek E</u>, & Bovbjerg D. Prevalence of somatic peripheral neuropathy in survivors of a wide range of cancers: Results from the 2010 LIVESTRONG survey. Poster abstract presentation at the 6<sup>th</sup> Annual Scholarly Poster Presentation Symposium, Pittsburgh, PA, October 31, 2016.

- 6. \* Donovan H, Campbell G, **Belcher S,** Ferguson R, Jones R, Low C, Manculich J, Posluszny D, Schmidt J, <u>Skrovanek E</u>, & Bovbjerg D. Prevalence of somatic peripheral neuropathy in survivors of a wide range of cancers: Results from the 2010 LIVESTRONG survey. Poster abstract presentation at the 28<sup>th</sup> Annual UPCI Scientific Retreat & 30<sup>th</sup> Anniversary Symposium III, Greensburg, PA, June 15, 2016.
- 7. \* Belcher S, Low C, Posluszny D, Kramer RE, & Donovan H. Correlates of psychological distress, health behaviors, and benefit finding in survivors of multiple primary cancers: Results from the 2010 LIVESTRONG survey. Poster abstract presentation at the 28<sup>th</sup> Annual UPCI Scientific Retreat & 30<sup>th</sup> Anniversary Symposium III, Greensburg, PA, June 15, 2016.
- 8. \* Belcher SM, Hausmann EA, Cohen SM, Donovan HS, & Schlenk EA. Examining the relationship between multiple primary cancers and psychological distress: A review of current literature. Poster abstract presentation at Sigma Theta Tau Eta Chapter Scholars Night, Pittsburgh, PA, March 16, 2016.
- 9. \* Campbell GB, **Belcher SM**, <u>Ackison G</u>, Bovbjerg DH, Courtney-Brooks M, & Donovan H. Feasibility of an intensive symptom monitoring study in women with gynecologic cancer: Preliminary data. Poster abstract presentation at the 5<sup>th</sup> Annual Women's Cancer Research Center Retreat, Farmington, PA, November 2015.
- 10. Cantrell M, <u>Bahnsen K</u>, Smith T, Cronin M, **Belcher S**, Buck T, <u>Cannon M</u>, <u>Cianci G</u>, Liu Y, Pendergast A, <u>Sligh M</u>, <u>Turi E</u>, & Donovan H. Development of a student-led health connection center at a community food pantry. Poster abstract presentation at the Academically Based Community Engagement: An Idea Exchange, Pittsburgh, PA, September, 25, 2015.
- 11. \*^ Belcher S, Arida J, Campbell G, Hagan T, Skrovanek E, & Donovan HS. Exploring well-being, social support, and financial vulnerability in women with recurrent ovarian cancer who report more than one primary cancer diagnosis within the past three years. Poster abstract presentation at the Annual UPCI Scientific Retreat and Satellite Conference, Pittsburgh, PA, June 18-19, 2015.

Director's Award for Scientific Excellence, 2<sup>nd</sup> Place Poster Award, Population Sciences Cancer Research

12. \* <u>Skrovanek E, Ackison G, Arida J, Belcher S, Campbell G, Hagan T, & Donovan H. Causal attributions of ovarian cancer. Poster abstract presentation at the Annual UPCI Scientific Retreat and Satellite Conference, Pittsburgh, PA, June 18-19, 2015.</u>

13. \*^ Cannon M, Cianci G, Belcher S, Cantrell M, Smith T, & Donovan H. Discovering the resource needs of food-insecure community members present at a local food pantry. Poster abstract presentation at the University of Pittsburgh Schools of the Health Sciences Health Disparities/Health Equity Poster Competition, Pittsburgh, PA, April 7, 2014. First Professionals poster competition award

14. \*^ Belcher S, Arida J, Campbell G, Hagan T, Skrovanek E, & Donovan HS. Exploring well-being, social support, and financial vulnerability in women with recurrent ovarian cancer who report more than one primary cancer diagnosis within the past three years. Poster abstract presentation at the Sigma Theta Tau Eta Chapter Scholars Night, Pittsburgh, PA, March 25, 2015.

#### **Other Presentations**

- 1. **Belcher S.** Work-in-progress introduction to the IMPACT Study. Invited presentation at the University of Pittsburgh Palliative Research Center PERCOLATE meeting, Pittsburgh, PA, April 21, 2022.
- 2. **Belcher S.** Meet the scientist: Using science to make life better for people with cancer. Invited presentation to sixth graders at Colfax K-8 VIP Day, Pittsburgh Public Schools, Pittsburgh, PA, May 21, 2021.
- 3. **Belcher SM.** Cancer-related financial hardship and nursing opportunities. Remote invited oral presentation at the Metro-Atlanta of Oncology Nursing Society chapter meeting, Atlanta, GA, January 9, 2020.
- 4. **Belcher SM.** Examining financial hardship in the outpatient oncology palliative care setting: A pilot study. Invited podium presentation at Research in Progress Research Roundtable, Emory University Nell Hodgson Woodruff School of Nursing, Atlanta, GA, April 23, 2019.
- 5. **Belcher S.** Using science to make life better for people with cancer. Series of invited podium presentations to first and fourth graders at Oak Grove Elementary Career Day, DeKalb County School District, Atlanta, GA, March 1, 2019.
- 6. **Belcher S.** Nursing science and lessons learned. Invited discussant at PhD Student Coffee Talk, Emory University Nell Hodgson Woodruff School of Nursing, Atlanta, GA, February 2019.
- 7. **Belcher SM**, Sereika SM, Mattos MK, & Donovan HS. Comparison of symptoms and quality of life in recurrent ovarian cancer by rural/urban residence: Ancillary analysis of GOG-0259. Invited podium abstract presentation at the Basic and Translational Research Seminar Series, University of Pittsburgh Cancer Institution, Pittsburgh, PA, October 17, 2017.
- 8. Hassmiller S, Fairman J, Wood GL, Hickerson LM, Donovan H, & **Belcher S.** RWJF Future of Nursing Scholars: First year graduate results and looking forward. Invited panelist at the Association of Colleges of Nursing Doctoral Education Conference: Collaborations to Improve Health, Naples, FL, January 18-20, 2018.

9. **Belcher S.** Shining a light on life after multiple primary cancers: The LAMP study. Invited podium presentation of dissertation study plans at the Division of Hematology/Oncology Faculty Meeting, University of Pittsburgh, Pittsburgh, PA, October 17, 2017.

- 10. **Belcher S**, Zhu Y, Peterson-Burch F, & Bender C. A PhD in nursing. Invited panelist at the University of Pittsburgh Freshman Nursing Seminar Class, Pittsburgh, PA, November 1, 2016.
- 11. **Belcher S**, Arida J, Campbell G, Hagan T, Skrovanek E, & Donovan HS. Exploring wellbeing, social support, and financial vulnerability in women with recurrent ovarian cancer who report more than one primary cancer diagnosis within the past three years. Invited podium abstract presentation at the Basic and Translational Research Seminar Series, University of Pittsburgh Cancer Institution, Pittsburgh, PA, October 6, 2015.
- 12. **Belcher S.** Tumor lysis syndrome. Educational poster session presentation at the Acute Leukemia Progressive Care Unit Training Fair, The Ohio State University Wexner Medical Center, James Cancer Hospital and Solove Research Institute, Columbus, OH, 2009.
- 13. Moran M & **Belcher S.** HIV-related lymphoma. Nursing Grand Rounds podium presentation at The Ohio State University Wexner Medical Center, James Cancer Hospital and Solove Research Institute, Columbus, OH, 2008.

### **Teaching**

**Primary Instructor** 

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Term/		No. of		Didactic or
Years	Course Number & Title	Students	Level	Clinical
Spring	NUR 0053: Introduction to Inclusion, Equity, and	19	Fresh	Didactic
2023	Diversity in Health Care		BSN	
Spring	NUR 2010: Health Promotion & Disease Prevention	7	Graduate	Didactic
2023	in Culturally Diverse Populations			
Fall 2022	NUR 2010: Health Promotion & Disease Prevention	10	Graduate	Didactic
	in Culturally Diverse Populations			
Summer	NUR 1128: Community Health Nursing (Secondary	26	Senior	Didactic
2022	Instructor)		aBSN	
Spring	NUR 0053: Introduction to Inclusion, Equity, and	19	Fresh	Didactic
2022	Diversity in Health Care		BSN	
Spring	NUR 2010D: Health Promotion & Disease Prevention	19	Graduate	Didactic
2022	in Culturally Diverse Populations			
Fall 2021	NUR 2010: Health Promotion & Disease Prevention	17	Graduate	Didactic
	in Culturally Diverse Populations			
Summer	NUR 2010: Health Promotion & Disease Prevention	15	Graduate	Didactic
2021	in Culturally Diverse Populations			
Spring	NUR 2010: Health Promotion & Disease Prevention	51	Graduate	Didactic
2021	in Culturally Diverse Populations			
Fall 2020	NUR 2010: Health Promotion & Disease Prevention	24	Graduate	Didactic
	in Culturally Diverse Populations			

Spring 2020	NUR 1128C: Community Health Nursing Clinical	3	Senior BSN	Clinical
Spring 2015	NUR 1120C: Advanced Nursing Management of the Adult with Acute/Complex Health Problems	8	Junior BSN	Clinical
Spring 2015	NUR 0081: Foundations of Nursing Practice 2	25	Soph BSN	Skills Lab TA
Spring 2015	NUR 0081: Foundations of Nursing Practice 2	119	Soph BSN	Didactic TA
Spring 2015	NUR 0082 and NUR 1281: Nursing Management of Acute and Chronic Health Problems	142	Soph BSN, aBSN	Didactic TA
Fall 2014	NUR 0020: Pathophysiologic Foundations of Nursing Care	14	Soph BSN	Didactic TA
Fall 2014	NUR 0080: Foundations for Nursing Practice	7	Soph BSN	Clinical
Fall 2014	NUR 0080: Foundations for Nursing Practice	55	Soph BSN	Skills Lab TA and Simulation
Summer 2014	NUR 1120: Advanced Nursing Management of the Adult with Acute/Complex Health Problems	5	Junior aBSN	Clinical
Spring 2014	NUR 1120: Advanced Nursing Management of the Adult with Acute/Complex Health Problems	14	Junior BSN	Clinical
Fall 2013	NUR 0080: Foundations for Nursing Practice	15	Soph BSN	Clinical
Fall 2013	NUR 0080: Foundations for Nursing Practice	55	Soph BSN, aBSN	Skills Lab TA and Simulation

# **Lecturer / Guest Lecturer**

Term/		No. of		
Years	Course Number & Title	Students	Level	Topic of Lecture
Fall	NUR 3291: Responsibilities and	4	PhD	Building a Mentoring Team
2022	Activities of a Scientist			
Spring	NUR 0053: Introduction to	12	Fresh	Improving Healthcare Access
2022	Inclusion, Equity, and Diversity in		BSN	and Quality: COVID as an
	Health Care			Exemplar
Fall	NUR 3066: State of the Science in	6	PhD	Establishing and Sustaining an
2021	Cancer Survivorship			Academic Career (cancer
				survivorship faculty panelist)
Fall	NUR 3291: Responsibilities and	8	PhD	Mentoring: Lessons Learned
2021	Activities of a Scientist			
Fall	NUR 3066: State of the Science in	6	PhD	Following the Evidence to
2021	Cancer Survivorship			Develop a Program of Cancer
				Survivorship Research
Fall	NUR 0005: Honors Freshman	16	Freshman	Specialty Roles in Nursing
2020	Seminar		BSN	(panelist)
Spring	NUR 1128C: Community Health	~35	Senior	Poverty Simulation
2020	Clinical		BSN	(Volunteer and Small Group
				Facilitator)
Winter	N101: Intro to Professional	8	Pre-	Basic Oncology and Oncology
2019	Nursing (Emory University)		Nursing	Nursing Careers

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Spring	NUR 1121: Advanced Clinical	75	Senior	Basic Oncology and Therapies;
2018	Problem Solving		BSN,	Hematologic Malignancies;
			aBSN	Oncologic Emergencies
Fall	NUR 1121: Advanced Clinical	73	Senior	Basic Oncology and Therapies;
2017	Problem Solving		BSN,	Hematologic Malignancies;
			aBSN	Oncologic Emergencies
Summer	NUR 1120: Advanced Nursing	26	Junior	Breast Cancer;
2017	Management of the Adult with		BSN,	Lung Cancer
	Acute/Complex Health Problems		aBSN	
Summer	NUR 1121: Advanced Clinical	28	Senior	Basic Oncology and Therapies;
2017	Problem Solving		BSN,	Hematologic Malignancies;
			aBSN	Oncologic Emergencies
Spring	NUR 0081 and NUR 1281:	25	Soph BSN	IV Medication Administration
2014	Foundations of Nursing Practice II		-	

**DNP Projects** 

Student	Role	<b>Dates Inclusive</b>	Student's Current Professional Status
Shelby Landoll	Committee Member/Co-Chair	05/2022 – present	Doctorate of Nursing Practice student, Health Systems Executive Leadership
			program

*Project Title:* Evaluating the effects of racial concordance of clients and nurses on program outcomes among high-risk mothers: A retrospective chart review

### **PhD Dissertations**

Student	Role	<b>Dates Inclusive</b>	Student's Current Professional
			Status
Ruiqi Jin	Committee	09/2022 - present	PhD Student, Emory University Nell
	Member		Hodgson Woodruff School of Nursing

Dissertation Title: Longitudinal financial toxicity, symptoms, quality of life and distress in chronic myeloid leukemia adult survivors: A theory-based structural equation model analysis

Jian Zhao	Committee	07/2021 – present	PhD Candidate, University of
	Member		Pittsburgh School of Nursing

Dissertation Title: Factors associated with the transition from acute to chronic pain after abdominal surgery for gynecologic cancers

### **Other Mentoring Activities**

Mentee	Relationship	Years Involved	Student's Current Professional Status
Abigail Lustyik	Undergraduate Research Mentorship Program, University of Pittsburgh	09/2022 - present	

Chelsea A. Green, M.S.  Scholar Project serious illness	Alan Gleitsman Student Research Fund in Palliative Care Awardee, University of Pittsburgh; Morehouse School of Medicine student t: Patient-provider communications	03/2022 - present	Medical Student, Morehouse School of Medicine  ardship in the context of	
Alexandria Snyder	Undergraduate Research Mentorship Program, University of Pittsburgh	06/2022 - present	Nursing Student	
Ruanny Cadima	Undergraduate Research Mentorship Program, University of Pittsburgh	12/2021 - present	Nursing Student	
Erica Rodi	Undergraduate Research Mentorship Program, University of Pittsburgh	10/2020 — 04/2022	Registered Nurse, UPMC Western Psychiatric Hospital	
Karen Wang	Undergraduate Research Mentorship Program, University of Pittsburgh	09/2020 – 07/2022	Nursing Student	
Yujin Kim, BS	Research Assistant, Emory University	08/2019 – 03/2020	M.D. Candidate, Texas Tech University Health Sciences Center	
Janet Nguyen, BS	Research Assistant, Emory University	04/2019 – 05/2021	Clinical Research Coordinator, Laser Surgery Care, New York, NY	
Lindsay Gantz, BA, BSN, RN, BMTCN	Robert W. Woodruff Scholarship Program	03/2019 – 12/2019	Bone Marrow Transplant Nurse, Emory University Hospitals; travel nurse	
Scholar Project: Examining the relationship between financial hardship and distress in palliative care patients with advanced cancer				
Olivia D'Antonio, BSN, RN	Undergraduate Research Mentorship Program, University of Pittsburgh	08/2016 — 05/2018	Critical Care Registered Nurse, St. George's University Hospitals, NHS Foundation Trust, London, UK	

Raegan Undergraduate Research 10/2015 – Critical Care Registered (Kramer) Mentorship Program, 05/2016 Nurse, Children's Hospital of Philadelphia BSN, RN,

CPN, CCRN

01/29/2021

2018 - 2019

## **Service**

University Committees				
01/2023	National Rehabilitation Research & Training Center on Family Support, University of Pittsburgh	Planning Committee Member, 2023 Family Caregiver Conference		
<b>School Committees</b> 09/2022 11/2022	PhD Council PhD Student Abstract Reviewer, ENRS	Member		
08/2021 – present 09/2022 – present 10/2022 – present	Diversity Committee Diversity Committee Climate Survey Subcommittee	Member Chair Elect Lead		
06/2020 – present	DNP Council	Member		
06/2020 – present	MSN Council	Member		
02/2020 - 06/2020	BSN Council	Member		
01/2020 - present	Cancer Survivorship Research HUB	Member		
2019	Davis Lecture Committee, Emory University (developed criteria and processes for nomination and selection of endowed lecture presenter)	Member		
2015 - 06/2018 07/2015 - 05/2018 2016 - 2017	Doctoral Nursing Student Organization PhD Council Graduate School Fairs	Member Student Representative PhD Student Representative, ad hoc		
Other Service 01/2021 – present Medical Reserve Corps Member, Allegheny County, Member PA				

COVID-19 Vaccine, University of Pittsburgh Point-

DEAR reading program, Oak Grove Elementary,

of-Dispensing

Atlanta, GA

Volunteer

Volunteer

2018 – 2019	Parent Teacher Association, Oak Grove Elementary, Atlanta, GA	Member
2018 – 2019	Working group for University of Kansas School of Nursing PCORI grant project, "Prioritization of Metastatic Cancer Research Priorities"	Key Stakeholder
2015 – 2017	Annual Walk/Run to Break the Silence on Ovarian Cancer, Pittsburgh Chapter of the National Ovarian Cancer Coalition	Participant
2014 - 2018	Colfax, Pittsburgh Public Schools	Parent Volunteer
2014 – 2016	Community and Human Services Oakland Food Pantry, Pittsburgh, PA	Volunteer
2003 – present	Be the Match, national blood and marrow donor registry	Registry Member
1999	Kids cancer programs: "Kids Can Cope Too!" and "Good Grief," The Ohio State University James Cancer Hospital, Columbus, OH	Volunteer
1998 – 1999	Sexual Assault Response Network of Central Ohio (SARNCO), The Ohio State University Medical Center, Columbus, OH	Volunteer Patient Advocate
Other Professional		
02/2020 – present, 07/2017 – 08/2018	T32 Genomics journal club and meetings Faculty Lead: Conley	Attendee
01/2020 – present, 05/2015 – 08/2018	Brain, Behavior, and Cancer Seminar Series, UPMC Hillman Cancer Center Faculty Lead: Bovbjerg, D.	Attendee
2018 – 2019	Postdoctoral Trainee Group, Emory University School Nursing Faculty Lead: Waldrop-Valverde	of Member
2018 – 2019	T32 Seminars in Improving Outcomes in Chronic Conditions, Emory University School of Nursing Faculty Lead: Dunbar	Attendee, ad hoc
2018 – 2019	Center for Data Science meetings and seminars, Emory University School of Nursing Faculty Lead: Hertzberg	Attendee, ad hoc

2018 – 2019	Center for Nursing Excellence in Palliative Care meetings and seminars, Emory University School of Nursing Faculty Lead: Song	Attendee, ad hoc
2018 – 2019	Oncology Research Collaborative for HeAlth Risk Determination and Symptom Science (ORCHARD), Emory University Faculty Lead: Emory School of Nursing faculty	Member
2018 – 2019	Biobehavioral Oncology Research Group, Emory University Faculty Lead: Bruner	Member
05/2015 – 2016	T32 Cancer Survivorship Writing Group Faculty Lead: Bender	Attendee
01/2015 – 2016	Academic Writing Group Peer mentoring	Member
08/2014 – 2016	T32 Cancer Survivorship Journal Club Faculty Lead: Bender	Attendee
08/2014 – 2016	T32 Cancer Survivorship Peer Mentoring Group Faculty Lead: Bender	Attendee
08/2014 - 08/2018	Women's Cancer Research Group Faculty Lead: Donovan	Member