

BIOGRAPHICAL SKETCH

Provide the following information for the Senior/key personnel and other significant contributors.
Follow this format for each person. **DO NOT EXCEED FIVE PAGES.**

NAME: **O'Malley, Denalee M.**

eRA COMMONS USER NAME (credential, e.g., agency login): omalldm

POSITION TITLE: Assistant Professor, Tenure Track

EDUCATION/TRAINING (*Begin with baccalaureate or other initial professional education, such as nursing, include postdoctoral training and residency training if applicable. Add/delete rows as necessary.*)

| INSTITUTION AND LOCATION | DEGREE (if applicable) | Completion Date MM/YYYY | FIELD OF STUDY |
|--------------------------|---------------------------|----------------------------|----------------------|
| University of Vermont | B.A. | 05/2000 | Psychology |
| Fordham University | M.S.W. | 05/2008 | Clinical Social Work |
| Rutgers University | Ph.D. | 05/2017 | Social Work |

A. Personal Statement

I am an oncology social worker with 10 years of clinical practice and 15 years of research administration and program development experience. From my clinical and quality improvement experiences, I grew interested in identifying health disparities related to chronic disease comorbidity among medically underserved cancer patients. I received my Ph.D. in 2017 from the School of Social Work at Rutgers University. My dissertation explored cancer survivors with a diagnosis of diabetes. Many health equity outcomes for cancer survivors with diabetes (survival and morbidity) are rooted in the socio-economic drivers of these conditions. During my doctoral program, I was involved in running nationally funded R01 projects and my experiences included training research staff, recruiting and retaining participants, data collection, designing qualitative assessments, conducting data analysis, and developing manuscripts. As an oncology social work researcher, I have collaborated in the design, delivery and fidelity monitoring of several behavioral interventions, and worked on an RCT testing self-management interventions for breast and colorectal cancer survivors using mHealth and health coaching strategies. My impetus for developing expertise earlier in the cancer continuum emerges from my developing awareness of the upstream opportunities to use optimal screening tools to prevent a colorectal cancer (CRC) diagnosis among patients with diabetes.

I am committed to developing an extramurally funded program of cancer research focused on implementing targeted cancer prevention strategies among underserved population with chronic illnesses. My dedication is evident in my acceptance of an Assistant Professor, tenure track position in a medical school as my first independent position in the Center Advancing Research and Evaluation for Patient-Centered Care (CARE-PC). I have worked hard to develop as a scientist and have a strong foundation in the analytic, conceptual, and writing skills. I have developed solid content expertise in cancer survivorship. I became a member of the Society of Scholars during the first year of my NCI K99 and I am currently a member. My training opportunities allowed me to develop expertise and a network with implementation science and translational science experts, which will strengthen my potential to compete for NCI-R01 extramural funding. My R00 project also provides an applied learning opportunity in cancer prevention, implementation science, and the conduct and leadership of practice-based hybrid implementation-effectiveness RCT. The support provided by the R00 award, provides protected time to develop as a cancer health disparities researcher. My career development plan and applied learning experiences will accelerate my transition to an investigator capable of designing and leading a sustained program of research funded by NIH-R01 support.

Ongoing and recently completed projects that I would like to highlight include:

Ongoing

K99CA256043-01/R00CA256043

O'Malley (PI)

12/01/2020 – 11/30/2025

NIH-NCI

Optimizing Colorectal Cancer Screening among Patients with Diabetes in Safety-Net Primary Care Settings: Targeting Implementation Approaches

R01CA257109-02

Hudson & Crabtree (MPI)

09/01/2021-8/31/2025

Adapting and Implementing Evidence Based Breast Cancer Follow-up in Primary Care

This project aims to identify and prioritize actionable, practice-based strategies for provision of long-term breast cancer survivorship care in primary care using depth interviews, modified online Delphi methods, and concept mapping. Identified strategies will be adapted, implemented and evaluated using a hybrid type 1 effectiveness-implementation cluster study design in 26 primary care clinics.

Role: **Co-Investigator** (10% FTE Years 3-5)

Completed

Support:

Patterson Trust Mentored Research–
Seery Clinical Investigator Award

O'Malley (PI)

01/31/2020 – 01/30/2023

Developing Implementation Approaches to Target Colorectal Cancer Screening Among Patients with Diabetes

R01 CA176838

Hudson (PI)

09/30/2013-08/31/2020

NIH-NCI

Extended Cancer Education for Longer-term Survivors (EXCELS) in Primary Care

The goal of this project is to develop and test a self-care intervention for cancer survivors in primary care settings that uses a multimedia, web-based mHealth platform (website and smartphone application) supplemented with care management/health coaching.

Role: Project Manager

R21DA04444

Lee (PI)

04/01/2018-03/31/2019

NIH-NIDA

Assessing the Needs of Primary Care Patients and Clinicians for Opioid Use Disorder (OUD) Medication Decisions

The goal of this project is to assess patient and provider needs and decision-making in Opioid Use Disorders (OUDs) using a qualitative approach.

Role: Co-Investigator

Selected Citations:

1. **O'Malley, D.M.**, Doose M., Howard J., Cantor J.C., Crabtree B.F., Tsui J. Impact of Medicaid-serving Primary Care Clinic Teams and Context on Care Transitions to Oncology: Implications for Addressing Structural Inequities, *JCO Oncology Practice*. 2023 Jan; 19 (1):e92-e102. PMID: 36473147; PMCID: [PMC9870234](#); DOI: [10.1200/OP.22.00295](#)
2. **O'Malley D.M.**, Alfano C., Doose, M., Kinney A.Y., Lee S.C., Nekhlyudov L., Duberstein P., Hudson S.V. Cancer Prevention, Risk Reduction and Control: Opportunities for the Next Decade of Health Care Delivery Research. *Translational Behavioral Medicine Med*. 2021 Nov 30;11(11):1989-1997. doi: 10.1093/tbm/ibab109. PMID: 34850934; PMCID: PMC8634312.
3. **O'Malley D.M.**, Blair CK, Greenbaum A, Wiggins CL, Rajput A, Chiu VK, Kinney AY. Colorectal Cancer Survivors' Receptivity toward Genomic Testing and Targeted Use of Non-Steroidal Anti-Inflammatory Drugs to Prevent Cancer Recurrence. *J Community Genet*. 2022;13(2):201-214. doi:10.1007/s12687-021-00574-9
4. **O'Malley D.M.**, Abraham CM, Lee HS, Rubinstein EB, Howard J, Hudson SV, Kieber-Emmons AM, Crabtree BF. Substance use disorder approaches in US primary care clinics with national reputations

B. Positions, Scientific Appointments, and Honors

Positions and Employment

| | |
|----------------|---|
| 2021 | Assistant Professor, Tenure Track, Rutgers Robert Wood Johnson Medical School, Department of Family Medicine and Community Health, Division of Research, New Brunswick, NJ |
| 2018-2021 | Instructor, Rutgers Robert Wood Johnson Medical School, Department of Family Medicine and Community Health, Division of Research, New Brunswick, NJ |
| 2017-2013-2017 | Adjunct Faculty, Rutgers University School of Social Work, School of Social Work Supervising Program Development Specialist, Rutgers Robert Wood Johnson Medical School, Department of Family Medicine and Community Health, Division of Research, New Brunswick, NJ |
| 2011-2013 | Program Manager, University of Medicine and Dentistry, Cancer Institute of New Jersey, Division of Cancer Prevention and Control, NJ |
| 2008-2011 | Supervising Program Development Specialist, University of Medicine and Dentistry, Cancer Institute of New Jersey, New Brunswick, NJ |
| 2006-2008 | Social Work Intern, University of Medicine and Dentistry, Cancer Institute of New Jersey, New Brunswick, NJ |
| 2004-2008 | Study Coordinator, University of Medicine and Dentistry, Department of Family Medicine, New Brunswick, NJ |
| 2003-2004 | Research Assistant, University of Medicine and Dentistry, Department of Family Medicine, New Brunswick, NJ |
| 2001-2002 | Individual Teaching Parent, Allenbrook Homes for Youth, South Burlington, VT |

Other Experiences and Professional Memberships

| | |
|--------------|---|
| 2018-Present | Associate Member, Population Science Division, Rutgers Cancer Institute of New Jersey, New Brunswick NJ |
| 2018 | National Institutes of Health, "SPeeding Research-tested INTerventions) Program, Entrepreneurial Lead (Feb-March) |
| 2018-Present | Society of Behavioral Medicine (SBM) |
| 2016-Present | Cancer and Primary Care International Network (Ca-PRI) |
| 2016 | Latent Class Analysis, Statistical Horizons, Philadelphia, PA. |
| 2015 | Agency for Health Care Research and Quality Medical Expenditures Panel Survey (2 day workshop) |
| 2015-Present | International Psychosocial Oncology Society (IPOS) |
| 2015-Present | Society of Social Work Research (SSWR) |
| 2009-Present | National Association of Oncology Social Work (AOSW) |
| 2005-Present | North American Primary Care Research Group (NAPCRG) |
| 2005-Present | National Association of Social Workers |

C. Contributions to Science

1. My research contributions seek to examine how patient risk profiles and risk perception among multi-morbid cancer survivors are related to health behaviors to inform the development of tailored intervention approaches. My research focused on patient level factors has: 1) identified specific the sociodemographic factors (minority race, low educational attainment) associated with risk of specific clusters of multi-morbidity in a nationally representative sample of cancer survivors; 2) described the physical health and psychosocial outcomes associated with specific clusters of multi-morbidity in a nationally representative sample of cancer survivors; 3) described the patient activation levels among a regional sample of breast and prostate cancer survivors; 4) characterized patient experiences of comprehensive follow up care post-acute cancer care; and, 5) qualitatively described the inaccurate risk perceptions for cardiovascular disease among obese breast cancer survivors.

- a. **O'Malley, D.M.** (2017). Examining the Impact of Diabetic Status on Multiple Outcomes Among Diabetic Cancer Survivors [Dissertation]. Dissertations Abstract International.

- b. **O'Malley D.M.**, Dewan A.A., Ohman-Strickland P.A., Gundersen, D., Miller S.M., & Hudson S.V. (2017). Determinants of patient activation in a community sample of early stage breast and prostate cancer survivors. *Psycho-Oncology*. 27(1):132-140. PMID: PMC5568503.
 - c. **O'Malley, D.M.**, Hudson, S.V., Ohman-Strickland, P.A., Bator A., Lee, H.S., Gundersen, D.A., & Miller, S.M. (2016). Follow-up care education and information: identifying cancer survivors in need of more guidance. *Journal of Cancer Education*, 31(1), 63-69. PMID: PMC4475492.
 - d. Christian A.C., **O'Malley D.M.**, Barac A., Bandera E., & Hudson S.V. (2017) Cardiovascular risk and communication among early stage breast cancer survivors. *Patient Education and Counseling*. 2017;100(7):1360-1366. PMID: PMC5568653.
2. My work investigates individual and contextual factors that contribute to health disparities among specific subpopulations of cancer survivors. This work has: a) identified greater informational needs to guide survivorship care among African American survivors, survivors with 3 or more comorbidities and, survivors with greater worries and concerns about the future; b) identified occupational risks and structural barriers to the adoption of protective behaviors; c) described research gaps in cancer survivorship research responsive to the needs of gender and sexual minority populations.
- a. **O'Malley D**, Tsui J, Davis S, Hudson SV. Disparities in Cancer Survivorship. In: Feuerstein M, Nekhlyudov L, eds. *Handbook of Cancer Survivorship*, Second Edition. New York, NY: Springer: 2018 (*accepted for publication 11-13-2017/In press*).
 - b. Niu Z, Riley M, Stapleton JL, Ochsner M, Hernandez G, Kimmel L, Giovenco DP, Hudson SV, **O'Malley D.M.**, Lozada C, Pabellón MC, Heckman CJ, Coups EJ. Sunburns and Sun Protection Behaviors among Male Hispanic Outdoor Day Laborers. *Int J Environ Res Public Health*. 2022 Feb 22;19(5):2524. doi: 10.3390/ijerph19052524. PMID: 35270218; PMID: PMC8909209.
 - c. **O'Malley, D.M.**, Hudson, S.V., Ohman-Strickland, P.A., Bator A., Lee, H.S., Gundersen, D.A., & Miller, S.M. (2016). Follow-up care education and information: identifying cancer survivors in need of more guidance. *Journal of Cancer Education*, 31(1), 63-69. PMID: PMC4475492.
 - d. Almatkyzy G., Mojica C.M., Stroup A.M., Llanos A.A.M., **O'Malley D.M.**, Xu B., Tsui J. Predictors of Health-related quality of life among Hispanic and non-Hispanic White breast cancer survivors in New Jersey. *Journal of Psychosocial Oncology*. Nov 2020; 39 (5), 595-612
<https://doi.org/10.1080/07347332.2020.1844844>
3. My research focuses on health care delivery structures and processes that impact care coordination associated with guideline concordant care in primary care settings. These studies focus on primary care organizations and their interdependence with teams in other settings change, including: (1) practice team dynamics, (2) practice incentives to prioritize specific types of care delivery; (3) care management processes, and (4) practice capacity and motivations to change clinical care processes.
- a. **O'Malley, D.M.**, Doose M., Howard J., Cantor J.C., Crabtree B.F., Tsui J. Impact of Medicaid-serving Primary Care Clinic Teams and Context on Care Transitions to Oncology: Implications for Addressing Structural Inequities, (*in press-- JCO Oncology Practice*).
 - b. Tsui, J., Howard, J., **O'Malley, D.M.**, Miller W., Hudson S.V., Rubinstein, E., Ferrante J.M., Bator, A., Crabtree, B.F. (2019) Understanding primary care-oncology relationships within a changing healthcare environment *BMC Family Practice* 2019;20(1):164. Epub 2019/11/30. doi: 10.1186/s12875-019-1056-y. PubMed PMID: 31775653; PMID: PMC6882058.
 - c. Orzano A.J., Scott J.G., Hudson S.V., **O'Malley D.M.**, Hahn K., Haywood-Harris S., Falco T., Johnson M., & Crabtree B.F. (2007). Strategies for conducting complex clinical trials in diverse community practices. *Medical Care*, 45(12), 1221-1226. PMID: 18007174.
 - d. **O'Malley D.M.**, Abraham CM, Lee HS, Rubinstein EB, Howard J, Hudson SV, Kieber-Emmons AM, Crabtree BF. Substance use disorder approaches in US primary care clinics with national reputations as workforce innovators. *Fam Pract*. 2022 Mar 24;39(2):282-291. doi: 10.1093/fampra/cmab095. PMID: 34423366; PMID: PMC8956130.

Complete List of Published Work in MyBibliography:

https://www.ncbi.nlm.nih.gov/myncbi/14YDiyPnR6_Atd/bibliography/public/