OMB No. 0925-0001 and 0925-0002 (Rev. 12/2020 Approved Through 02/28/2023)

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: Reinke, Lynn F.

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

POSITION TITLE Investigator, Department of VAPSHCS

Clinical Associate Professor, School of Nursing, University of Washington

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 DateMM/YYYY | FIELD OF STUDY |
| --- | --- | --- | --- |
| La Roche College, Pittsburgh, PA | BSN | 1988 | Nursing |
| University of Pittsburgh, Pittsburgh, PA | MSN | 1990 | Pulmonary |
| University of Washington, Seattle, WA | PhD | 2008 | Biobehavioral Nursing |
| VA Puget Sound Health Services R&D | Postdoctoral | 2010 | Health Services |

**A. Personal Statement**I am an Associate Professor and the Claire Dumke Ryberg, RN, Endowed Presidential Chair for End of Life and Palliative Care at the University of Utah College of Nursing. My research focuses on improving the delivery of palliative care for patients with serious, life-limiting illnesses, particularly patients with COPD, lung cancer, and multi-morbidities. My studies focus on system integration of high quality palliative care services into pulmonary, oncology and primary care services in various settings. My symptom management expertise involves testing non-pharmacologic behavioral interventions to dyspnea management and dyspnea crisis. I am an awardee of the Cambia Health Foundation Sojourns Scholarship Award and completed a study examining symptom burden among primary care patients with complex chronic conditions.My research on improving clinicians’ communication skills directly applies to the aims of this T32 by improving patient-clinician relationships and quality of care. I completed a VA-funded pilot study assessing the palliative care needs of Veterans newly diagnosed with lung cancer. The results of the pilot study identified several unmet physical and psychosocial needs of Veterans. This data informed a VA funded multi-site randomized clinical trial testing the effectiveness of a nurse-led, telephone based palliative care intervention for patients newly diagnosed with lung cancer. I have experience successfully administering projects (e.g. staffing, budget), collaborating with researchers, mentoring students, and managing clinical teams.

1. Iyer AS, Sullivan DR, Lindell KO and **Reinke** **LF**. The Role of Palliative Care in COPD. *CHEST.* 2021 Nov 2:S0012-3692(21)04258-6. doi: 10.1016/j.chest.2021.10.032.
2. **Reinke, LF**, Vig EK, with Tartaglione EV, Rise P, Au DH. Symptom burden and palliative care needs among high-risk veterans multi-morbidity. Journal of Pain and Symptom Management. 2019; 57(5): 880-889. PMID: 30794938
3. **Reinke LF**, Vig EK, Tartaglione EV, Backhus LM, Gunnick E, Au DH. Protocol and pilot testing: The feasibility and acceptability of a nurse-led telephone-based palliative care intervention for patients newly diagnosed with lung cancer. Contemporary Clinical Trials. 2018; 64:30-34. PMID: 29175560
4. [O'Hare AM](https://www.ncbi.nlm.nih.gov/pubmed/?term=O'Hare%20AM%5BAuthor%5D&cauthor=true&cauthor_uid=28356337), [Szarka J](https://www.ncbi.nlm.nih.gov/pubmed/?term=Szarka%20J%5BAuthor%5D&cauthor=true&cauthor_uid=28356337), McFarland LV, [Vig EK](https://www.ncbi.nlm.nih.gov/pubmed/?term=Vig%20EK%5BAuthor%5D&cauthor=true&cauthor_uid=28356337), [Sudore RL](https://www.ncbi.nlm.nih.gov/pubmed/?term=Sudore%20RL%5BAuthor%5D&cauthor=true&cauthor_uid=28356337), [Crowley S](https://www.ncbi.nlm.nih.gov/pubmed/?term=Crowley%20S%5BAuthor%5D&cauthor=true&cauthor_uid=28356337), [**Reinke LF**](https://www.ncbi.nlm.nih.gov/pubmed/?term=Reinke%20LF%5BAuthor%5D&cauthor=true&cauthor_uid=28356337), [Trivedi R](https://www.ncbi.nlm.nih.gov/pubmed/?term=Trivedi%20R%5BAuthor%5D&cauthor=true&cauthor_uid=28356337), Taylor JS. “Maybe They Don't Even Know That I Exist": Challenges Faced by Family Members and Friends of Patients with Advanced Kidney Disease. Clinical Journal of the American Society of Nephrology. 2017; 12(6): 930-938. PMCID: [PMC5460720](https://www.ncbi.nlm.nih.gov/pmc/articles/pmc5460720/)

**B. Positions, Scientific Appointments, and Honors**

**Positions and Employment**

1990-1992 Research Nurse, Concealed Oxygen Delivery Study,

Instructor, Graduate Nursing Program, University of Pittsburgh, School of Nursing, Pittsburgh, PA

1992-2000 Nurse Practitioner, VA Medical Center, Milwaukee, WI

2000-2003 Nurse Practitioner, Pulmonary, Critical Care and Sleep Disorders Center, Oakland,

CA

2002-2003 Adjunct Faculty, Preceptor Coordinator, Department of Nursing, Holy Names

College, Oakland, CA

2004-2008 Research Nurse, Dyspnea Self- Management Grant, University of Washington,

School of Nursing, Seattle, WA

2005-2006 Research Residency, University of Washington

Qualitative Analyst, Harborview Medical Center, End of Life Research Team (J. Randall Curtis, MD), Seattle, WA

2008-2010 Post-Doctoral Fellowship, Health Services R&D, Department of Veterans Affairs

VA Puget Sound H.C. System, Seattle, WA

2008-2010 Research Associate, Department of Public Health, University of Washington,

Seattle WA

2011-present Adjunct Clinical Associate Professor, School of Nursing, Department of Biobehavioral Nursing and Health Informatics, University of Washington, Seattle, WA

2010-2021 Research Investigator/Nurse Practitioner, VA Puget Sound HCS, Seattle, WA

2019-2021 Co-Director, Palliative Care Training Center, University of Washington, Seattle, WA

2022-present Associate Professor, College of Nursing, Division of Acute and Chronic Care, University of Utah, Salt Lake City UT

**Other Experience and Professional Memberships**

2002-present Member, American Nurses Association

2000-present Member, American Thoracic Society (ATS)

2009-2011 Chair, ATS Nursing Planning Committee

 2009-2013 Co-Chair, ATS Workshop on Palliative Management of Dyspnea Crisis, Ad-Hoc Committee

 (Nursing and BSA)

 2011-2015 Member, ATS Clinician’s Advisory Committee

2012-2014 Member, ATS Board of Directors

2012-2014 Chair, ATS Nursing Assembly Chair

2013-2017 Member, ATS Planning and Evaluation Committee

2014-2021 Seattle Institute of Biomedical and Clinical Research (SIBCR), Member

2016-present Member, American Academy of Nursing

2017-2021 Member, ATS Health Policy Committee

2018-present Co-Chair, Policy SIG, Cambia Healthcare Foundation

2019-present Member, *Heart & Lung* Editorial Board

2019-2021 Scientific Leadership Board Member, GO2 Foundation (Lung Cancer Advocacy)

2020-present Hospice and Palliative Nursing Association, Board Member

**Honors**

1992 Outstanding Achievement Award, Concealed Oxygen Delivery Grant, University of

Pittsburgh

1993 Outstanding Service Award, Patient Education, Milwaukee, VAMC

1995 Hammer Award - Home Oxygen CQI Task Force from The Office of V.P. Gore

1997 Administrator’s Award for Excellence in Nursing, Milwaukee, VAMC

2001 Practice Award – Respiratory Nursing Society

2010 Who’s Who in American Thoracic Society

2011 American Thoracic Society – Marilyn Hansen Award

2014 New Investigator Award - Hospice and Palliative Nursing Association

2014 University of WA, School of Nursing – Distinguished Investigator Award

2014 Sojourns Scholars Leadership Program – Cambia Health Foundation

2016 VA Fellow, Health and Aging Policy Fellowship

2016 Fellow, American Academy of Nursing

2019 Fellow, American Thoracic Society

2020 Fellow, Palliative Care Nursing

**C. Contributions to Science**

1. I am recognized as making significant contributions to the discipline of nursing, with a special emphasis on palliative and end-of-life care. Nurses are in the privileged position of caring for individuals and families living and dying with chronic life-limiting conditions. Because of the holistic tenets of nursing education, nurses are in a unique position to acquire palliative care skills and deliver palliative care. The national shortage of palliative care specialists presents nurses with an opportunity to help fill a major gap in health care. My program of research includes testing nurse-led models of care delivery. Nurse-led models have direct impact on health care systems and support IOM’s Report on the Future of Nursing promoting nurses to practice at their full scope utilizing nurse-driven protocols. These models of care have the potential to influence policy throughout healthcare systems. Such policy includes identifying patient populations that will benefit from early palliative care, advance care planning and standardized documentation of patients’ care preferences at the end of life.

1. **Reinke L.F**., Shannon, S.E., Engelberg, R.A., Dotolo, D., Silvestri, G., Curtis, J.R . Nurses’ identification of important yet under-utilized end-of-life care skills for patients with life-limiting or terminal illnesses. Journal of Palliative Medicine. 2010; 13(6):753-759. PMCID: 2938887
2. **Reinke, L.F**., Shannon, S.E., Engelberg, R.A., Young, J.P., Curtis, J.R. Supporting hope and prognostic information: Nurses’ perspectives on their role when patients have life-limiting prognoses.Journal of Pain and Symptom Management. 2010; 39(6):982-992. PMCID: 2884140
3. **Reinke L.F**., Griffith R.G., Wolpin S., Donesky-Cuenco D., Carrieri-Kohlman V., Nguyen H.Q. Feasibility of a Webinar for Coaching Patients with Chronic Obstructive Pulmonary Disease on End-of-Life Communication. American Journal of Hospice and Palliative Medicine. 2011; 28(3):147-152. PMCID: 3084900
4. Ahluwalia SC, Schreibeis-Baum H, Prendergast TJ, **Reinke LF**, Lorenz KA. [Nurses as Intermediaries: How Critical Care Nurses Perceive Their Role in Family Meetings.](https://www-ncbi-nlm-nih-gov.offcampus.lib.washington.edu/pubmed/26724291) Am J Crit Care. 2016 Jan;25(1):33-8. PMID: 26724291

2. The majority of patients with chronic lung disease, cancers, and multi-morbid conditions are managed in outpatient settings. However, patients with life-limiting illnesses have frequent hospitalizations requiring all clinicians to possess communication skills on how to conduct goals of care discussions. The main context of my patient and family-centered research to improve clinicians’ end-of-life communication skills can be translated across both acute and outpatient settings and may be applied to physicians, social workers, and other health care professionals. I have conducted research in in large academic hospital settings, outpatient clinics, patients’ homes, and the VA. The variety of practice and research settings improves the generalizability of this science to clinical practice and health care delivery models.

1. Au, D.H., Udris, E.M., Engelberg, R.A., Diehr, P.H., Bryson, C.L., **Reinke, L.F**., Curtis, J.R. A randomized trial to improve communication about end-of-life care among patients with COPD. Chest; 2012; .141 (3): 726-735. PMCID: PMC3415164.
2. **Reinke, L.F**., Slatore, C.G., Uman, J., Udris, E.M., Moss, B.R., Engelberg, RA., Au, D.H. Patient-clinician communication about end-of-life topics: Is anyone talking to patients with COPD? Journal of Palliative Medicine. 2011; 14(8):923-8. PMID: 21631367
3. **Reinke, L.F**., Slatore, C.G., Udris, E.M., Moss, B.R., Johnson, E.A., Au, D.H. The association of depression and preferences for life-sustaining treatments in veterans with chronic obstructive pulmonary disease. Journal of Pain and Symptom Management. 2011; 41(2):402-411. PMID: 21145201
4. **Reinke, L.F**., Feemster, L.C., McDowell, J., Gunnink, E., Tartaglione, E.V., Udris, E. Curtis, J.R., Au, D.H. The long term impact of an end-of-life communication intervention among Veterans with COPD. Journal Heart & Lung. 2016; 46:30-34. PMCID: PMC5581983.

3. I am recognized on an international level for seminal contributions advancing nursing science in palliative and end-of-life care. I possess expertise in non-pharmacologic and dyspnea crisis management. I have served as an interventionist on a NIH-funded trial examining three different oxygen delivery systems. I have tested the efficacy of two dyspnea self-management programs compared head-to-head. I have been funded by the National Palliative Care Research Center to conduct an efficacy study testing the effects of psychosocial behavioral therapy delivered through home-based, video enabled technology to help patients with COPD manage depression and decrease fatigue and dyspnea. I co-authored a policy statement from the American Thoracic Society on end-of-life dyspnea which is used internationally by clinicians. By providing evidence and simple clinical approaches, this body of work has changed the standards of dyspnea symptom management. I served as the primary investigator or co-investigator in all of these studies.

1. **Reinke, L.F,** Engelberg, R.E., Shannon, S.E., Wenrich, M., Curtis, J.R. Transitions at the end of life in severe COPD or advanced cancer: Themes identified by patients, family members, and clinicians. J Palliat Med. 2008; 11(4):601-609. PMCID: PMC4484272
2. Nguyen H.Q., Donesky-Cuenco, D., Wolpin S., **Reinke, L.F**., Benditt, J.O, Paul, S.M., Carrieri Kohlman, V. A randomized trial of an Internet-based versus a face-to-face dyspnea self-management program for patients with chronic obstructive pulmonary disease: A pilot study. Journal of Medical Internet Research (JMIR). 2008; 10(2):e9. PMCID: PMC2483918
3. Mularski R.A., **Reinke L.F.**, Carrieri-Kohlman V., Fischer M.D., Campbell M.L., Rocker G., Schneidman A., Jacobs S.S., Arnold R., Benditt J.O., Booth S., Byock I., Chan G.K., Curtis J.R., Donesky D., Hansen-Flaschen J., Heffner J., Klein R., Limberg T.M., Manning H.L., Morrison R.S., Ries A.L., Schmidt G.A., Selecky P.A., Truog R.D., Wang A.C., White D.B. An Official American Thoracic Society Workshop Report: Assessment and Palliative Management of Dyspnea Crisis. Annals of the American Thoracic Society. 2013; 10(5): S98-S106. PMID: 24161068
4. Campbell M., Donesky D., Sarkozy A., **Reinke L.F**. Treatment of dyspnea in advanced disease and at the end of life. *JHPN*, 2021, Oct 1;23 (5):406-420.

**Complete List of Published Work in MyBibliography:** <http://www.ncbi.nlm.nih.gov/pubmed/?term=Reinke%20LF%5BAuthor%5D%20OR%20Reinke%20LF%5BInve> stigator%5D&cmd=DetailsSearch