

Kathleen Broglio

CURRICULUM VITAE

Kathleen Broglio
Section of Palliative Medicine
Dartmouth-Hitchcock Medical Center
1 Medical Center Drive
Lebanon, NH 03756
603-650-5402

Date Revised: April 24, 2025

I. EDUCATION

<u>DATE</u>	<u>INSTITUTION</u>	<u>DEGREE</u>
2014	New York University, New York, NY	D.N.P. (Nursing Practice)
1998	University of Washington, Seattle, WA	M.N. (Nursing)
1992	University of Hawaii, Honolulu, HI	B.S.N. (Nursing)
1984	University of Maryland, College Park MD	B.A., Magna Cum Laude (Economics)

II. POSTDOCTORAL TRAINING

<u>DATE</u>	<u>INSTITUTION</u>	<u>SPECIALTY</u>
2008	Beth Israel Medical Center, New York, NY	Palliative Care Fellowship
2006	Metta Institute, San Francisco, CA	End of Life Counselor Training

III. ACADEMIC APPOINTMENTS

<u>TITLE</u>	<u>INSTITUTION</u>	<u>DATES</u>
Associate Professor of Medicine	The Geisel School of Medicine at Dartmouth, Lebanon, NH	2020-Present
Instructor in Clinical Nursing	Adelphi University, Long Island, NY	2022-2023
Instructor in Clinical Nursing	Columbia University School of Nursing, New York, NY	2020-Present
Assistant Professor of Medicine	The Geisel School of Medicine at Dartmouth, Lebanon, NH	2017-2020
Instructor	The Geisel School of Medicine at Dartmouth, Lebanon, NH	2016-2017
Adjunct Faculty, Nurse Practitioner Program	Pace University, New York, NY	2013-2014
Adjunct Faculty, Nurse Practitioner Program – Clinical Preceptor	New York University, School of Nursing, New York, NY	2009-2014
Adjunct Faculty, Nurse Practitioner Program – Clinical Preceptor	University of Hawaii, Honolulu, HI	2004-2006
Adjunct Faculty, B.S.N. Program	Hawaii Pacific University, Kaneohe, HI	1999-2001

IV. INSTITUTIONAL LEADERSHIP ROLES

<u>TITLE</u>	<u>INSTITUTION</u>	<u>DATE</u>
Senior Nurse Practitioner, Ambulatory Care Services	Columbia University Medical Center, New York, NY	2014-2016

V. LICENSURE AND CERTIFICATION

<u>DATE</u>	<u>LICENSURE/CERTIFICATION</u>
2023	Fellow American Academy Hospice Palliative Medicine (FAAHPM)
2023	Certification Addiction Registered Nurse – Advance Practice (CARN-AP)

2021	Fellow American Association of Nurse Practitioners (FAANP)
2016	Fellow Palliative Care Nursing (FPCN)
2007	Advanced Certification Hospice and Palliative Care Nursing (ACHPN)
1998	Adult Nurse Practitioner (certification) (ANP-BC)
1998	Advance Practice Registered Nurse (current licenses New Hampshire, Vermont, New York)
1993	Registered Nurse (current licenses New Hampshire, Vermont, New York)

VI. HOSPITAL APPOINTMENTS

POSITION/TITLE	INSTITUTION	DATE
Nurse Practitioner, Palliative Medicine	Dartmouth-Hitchcock Medical Center, Lebanon, NH	2016-Present
Senior Nurse Practitioner, Palliative Care	Columbia University Medical Center, New York, NY	2014-2016
Nurse Practitioner, Pain Management	Bellevue Hospital Center, New York, NY	2009-2013
Nurse Practitioner, Palliative Care	Beth Israel Medical Center, New York, NY	2007-2008
Clinical Nurse Specialist, Pain Management	Kaiser Permanente, Moanalua Medical Center Honolulu, HI	2003-2006
Adult Nurse Practitioner, Infectious Disease	Straub Hospital, Honolulu, HI	2002-2003

VII. OTHER PROFESSIONAL POSITIONS

POSITION/TITLE	INSTITUTION	DATE
Palliative Care Consultant	Hawaii Medical Services Association, Honolulu, HI	2013
Nurse Practitioner, Home-Based Palliative Care	Metropolitan Jewish Health System, Brooklyn, NY	2008-2009
Clinical Staff Nurse IV	The Queens Medical Center, Honolulu, HI	1993-2002

VIII. PROFESSIONAL DEVELOPMENT ACTIVITIES

DATE	INSTITUTION	PROGRAM
2018	National Institute of Drug Abuse, Washington, DC	Mentored Training Award Substance Use, one year program to develop further skills in addiction
2017	End of Life Nursing Education Consortium, Minneapolis, MN	Train the Trainer Course, weekend course to be able to train others
2008	Wellcoaches Corporation (Webinars)	Wellness Coach Training, one year course to assess for utility of use in pain management

IX. TEACHING ACTIVITIES

A. UNDERGRADUATE (COLLEGE) EDUCATION

NAME OF COURSE/ACTIVITY	DATES		ROLE	HOURS/YR	Est. Number Students
Evaluating Evidence for Integration into Clinical Practice UN-NUR.120.001	2013	New York University School of Nursing, New York, NY	Teaching Assistant	107 hrs.	50

B. UNDERGRADUATE MEDICAL EDUCATION CLASSROOM TEACHING

<u>NAME OF COURSE/ACTIVITY</u>	<u>DATES</u>	<u>INSTITUTION</u>	<u>ROLE</u>	<u>HOURS YR</u>	<u>EST. NUMBER STUDENTS</u>
Lecture Series: ICE 3 rd year Medical Students	2019	Geisel School of Medicine at Dartmouth, Lebanon NH	Lecturer: Pain Assessment and Management	1 hr.	50
Interprofessional Practice	2015	Columbia University, New York, NY	Lecturer: Interdisciplinary Palliative Care	1 hr.	75
Science and Skills for Medicine: Nervous System	2012	New York University, New York, NY	Lecturer: Palliative care pain management	1 hr.	75

C. UNDERGRADUATE CLERKSHIP OR OTHER CLINICAL UME TEACHING - none

D. GRADUATE MEDICAL EDUCATION

<u>NAME OF COURSE/ACTIVITY</u>	<u>DATES</u>	<u>INSTITUTION</u>	<u>ROLE</u>	<u>HOURS YR</u>	<u>EST. NUMBER STUDENTS</u>
Primary Care IM resident Opioid Management for Chronic Pain	2024	Dartmouth-Hitchcock Medical Center, Lebanon NH	Lecturer	1.5 hrs	25
Buprenorphine as a first line analgesic: Medical Resident Didactic	2023	Dartmouth-Hitchcock Medical Center, Lebanon, NH	Lecturer	1 hr	15
Primary Care IM resident Case Based Series: Opioid Management	2021	Dartmouth-Hitchcock Medical Center, Lebanon, NH	Lecturer	3 hrs	75
Hospice Palliative Medicine: Palliative Care Fellow Didactics	2017-present	Dartmouth-Hitchcock Medical Center, Lebanon, NH	Lecturer	6 hrs.	8
Oncology Fellow Didactic: Pain management and substance use disorder	2017	Dartmouth Hitchcock Medical Center, Lebanon, NH	Lecturer	1 hr	5
Palliative Care clinical consult service/outpatient clinic (third/fourth year residents, HPM fellows)	2016-present	Dartmouth-Hitchcock Medical Center, Lebanon, NH	Clinical Teaching	125-150 hrs	10
Palliative Care clinical inpatient consult service	2014-2016	Columbia University Medical Center, New York, NY	Clinical Teaching	150-180 hrs	5

(Palliative Care fellows)					
Palliative Care Fellowship Didactics	2014-2016	Columbia University Medical Center, New York, NY	Lecturer	2 hrs	5
Palliative Care Fellowship Didactics	2010-2012	Bellevue Hospital Center, New York, NY	Lecturer	1.5 hrs	8
Pain Medicine Fellowship Didactics	2009-2012	New York University, New York, NY	Lecturer	1 hr	5

E. OTHER CLINICAL EDUCATION PROGRAMS

<u>NAME OF COURSE/ACTIVITY</u>	<u>DATES</u>	<u>INSTITUTION</u>	<u>ROLE</u>	<u>HOURS YR</u>	<u>EST. NUMBER STUDENTS</u>
Diagnosis and Management of the Complex Patient Across Settings DNP/Family Nurse Practitioner Program: Lecture: Chronic Pain Management in Primary Care	2025	Columbia University School of Nursing, New York, NY	Lecturer	3	30
Diagnosis and Management of the Complex Patient Across Settings DNP/Family Nurse Practitioner Program: Lecture: Pain Assessment and Management	2024	Columbia University School of Nursing, New York, NY	Lecturer	3	15
Diagnosis and Management of the Complex Patient Across Settings DNP/Family Nurse Practitioner Program: Lecture: Buprenorphine	2023	Columbia University School of Nursing, New York, NY	Lecturer	3	25
Diagnosis and management of illness in families II, DNP/Family Nurse Practitioner Program: Lecture: Safe Opioid Prescribing	2022	Columbia University School of Nursing, New York, NY	Lecturer	3	40
Oncology Nursing: Doctor of Nursing Practice: Lecture: Cannabis	2022	Columbia University School of Nursing, New York, NY	Lecturer	1.5	15
Diagnosis and management of	2019	Columbia University School of Nursing, New York, NY	Lecturer	5	45

illness in families II, Family Nurse Practitioner Program (May 2019, November 2019): Lecture: Pain Management					
Diagnosis and management of illness in families II, Family Nurse Practitioner Program: Lecture: Opioid Management	2016	Columbia University School of Nursing, New York, NY	Lecturer	1.5	50
Primary Care of Families, Family Nurse Practitioner Program: Lecture Safe Opioid Management	2016	New York University School of Nursing, New York, NY	Lecturer	1.5	40
NYU Post- Masters Nurse Practitioner Program- Clinical Rotation Palliative Care	2009-2014	New York University School of Nursing, New York, NY	Clinical Preceptor	240-360	4
Contemporary Clinical Practice: Advanced Practice Roles: Lecture: My Journey	2009-2011	NYU School of Nursing, New York, NY	Lecturer	1.5	50
Adult Nurse Practitioner Clinical Rotation – Pain Management	2004-2006	University of Hawaii School of Nursing, Honolulu, HI	Clinical Preceptor	240-360	4

F. GRADUATE TEACHING

<u>NAME OF COURSE/ACTIVITY</u>	<u>DATES</u>	<u>INSTITUTION</u>	<u>ROLE</u>	<u>HOURS Yr</u>	<u>EST. NUMBER STUDENTS</u>
Graduate Seminar: Life and Death	2015	New York University Department of Philosophy, New York, NY	Lecturer	2	25

G. OTHER PROFESSIONAL/ACADEMIC PROGRAMS

<u>NAME OF COURSE/ACTIVITY</u>	<u>DATES</u>	<u>INSTITUTION</u>	<u>ROLE</u>	<u>HOURS YR</u>	<u>EST. NUMBER STUDENTS</u>
Palliative Care APRN Certificate Program: Lecture: Methadone and Buprenorphine in Serious Illness	2023 & 2024	Columbia University School of Nursing, New York, NY	Lecturer	2	15
Palliative Care Certificate Program	2022	Adelphi University, Garden City NY	Developer	12	25

for RN/APRN: Online Pain Management Course			Educator		
Palliative Care ECHO®: Monthly Telementoring Program: Various Palliative Topics	2021-present	Dartmouth Hitchcock Medical Center, Lebanon, NH (regional education)	Facilitator, Course Lead, Developer	9	60-90/month
Interprofessional Hospice and Palliative Education	2017	Jack Byrne Center; Dartmouth Hitchcock Medical Center, Lebanon, NH	Developer, Coordinator. PI	12	20
Pain management in the oncology setting: Seminar	2017	Dartmouth Hitchcock Medical Center, Lebanon, NH	Lecturer	3	15
Columbia University Medical Center First Annual Palliative Care Conference	2015	Columbia University Medical Center, New York, NY	Course Director	8	>100
Interdisciplinary Palliative Resource Champion Program: Monthly Lecture/practicum	2015-2016	Columbia University Medical Center, New York, NY	Co-Developer, Coordinator	60	25
Palliative Care for Homecare Nurses: 16h/seminar	2008	Visiting Nurses, Brooklyn, NY	Co-developer, Educator	16	>40
Palliative Care for Homecare Nurses: 32h/seminar	2007	Jewish Home and Health Systems, NY, NY	Co-developer, Educator	32	>50
Pain Resource Nurse Champion Program: 16hr seminar	2006	Kaiser Permanente, Honolulu, HI	Developer, Coordinator	16	25
Pain Assessment and Management for Nurses: 8hr seminar repeated monthly	2002-2006	Pain Assessment and Kaiser Permanente, Honolulu, HI	Developer, Educator	96	600 in 5 yr
Clinical Nursing, Diploma Program	1994	Maharaj Sawan Singh Charitable Hospital, Beas, India	Clinical Preceptor	180	15

X. PRIMARY RESEARCH ADVISING**A. UNDERGRADUATE STUDENTS**

<u>Name of Advisee/Mentee</u>	<u>Dates advised/mentored</u>	<u>Program</u>
Devon Fortier	2019-2020	IDeA Network of Biomedical Research Excellence (INBRE)

B. GRADUATE STUDENTS -none**C. MEDICAL STUDENTS -none**

<u>Name of Advisee/Mentee</u>	<u>Dates advised/mentored</u>	<u>Program</u>
Madeline Blythe	2021	Geisel School of Medicine at Dartmouth College

Will Carroll	2021	Geisel School of Medicine at Dartmouth College
Emily Masterson	2018-2019	Geisel School of Medicine at Dartmouth College
Alex Doering	2016-2018	Geisel School of Medicine at Dartmouth College

D. RESIDENTS/FELLOWS

<u>Name of Advisee/Mentee</u>	<u>Dates advised/mentored</u>	<u>Program</u>
Alexander Steele, MD Palliative Care Fellow	2024-	Dartmouth Hitchcock Hospice Palliative Medicine Fellowship
Margaret Robinson, MD Palliative Care Fellow	2024-	Dartmouth Hitchcock Hospice Palliative Medicine Fellowship
Uri Goldberg MD Palliative Care Fellow	2022-2023	Dartmouth Hitchcock Hospice Palliative Medicine Fellowship
Anna Westervelt, APRN Palliative Care Fellow	2021	Dartmouth Hitchcock Hospice Palliative Medicine Fellowship
Kim Haller, APRN Palliative Care Fellow	2021	Dartmouth Hitchcock Hospice Palliative Medicine Fellowship

E. OTHERS - DEFINE

<u>Name of Advisee/Mentee</u>	<u>Dates advised/mentored</u>	<u>Program</u>
Anna Schaal, APRN	2021-2023	Scholarship Enhancement in Academic Medicine (SEAM) grant – Dartmouth Hitchcock Medical Center
Michelle Dannenburg, BSN, MPH	2019-2022	Research Associate at The Dartmouth Institute

XI. ADVISING/MENTORING (OTHER)

A. UNDERGRADUATE STUDENTS

<u>Name of Advisee/Mentee</u>	<u>Dates advised/mentored</u>	<u>Approximate time commitment</u>	<u>Program or synopsis</u>	<u>Notable Endpoints</u>
Kylie McCarty	2018	25 hrs	Granite State B.S.N. Program-Capstone Mentor	Completed and presented Capstone Project Opioid risk screening in Oncology
Patricia Gilbert	2018	20 hrs	Granite State B.S.N. Program-Capstone Mentor	Completed and presented Capstone Project-Implementation of respiratory distress observation scale

B. GRADUATE STUDENTS

<u>Name of Advisee/Mentee</u>	<u>Dates advised/mentored</u>	<u>Approximate time commitment</u>	<u>Program or synopsis</u>	<u>Notable Endpoints</u>
Sharon Bigger	2018	20 hrs	Judge-McRae School of Nursing	Published Journal Hospice Palliative Nursing: Integrative review

			Mars Hill University- Writing Mentor	of advance care planning discussions
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C. MEDICAL STUDENTS – none

D. RESIDENTS/FELLOWS – none

E. NON-DEGREE PROGRAM STUDENTS – none

F. FACULTY

<u>Name of Advisee/Mentee</u>	<u>Dates advised/mentored</u>	<u>Approximate time commitment</u>	<u>Program or synopsis</u>	<u>Notable Endpoints</u>
Margaret Robinson, MD (palliative fellow) Alexander Steele MD (palliative fellow); Alexandra Steinbaugh, LICSW	2024-2025	25	Mentored in pilot research study, including survey development, interpretation and manuscript development	Manuscript accepted 2/2025 Journal Palliative Medicine
Christopher Ahern, DO; Ashley Johnson, PharmD; Shana Wierchowski, MD; Sasha Steinbaugh, LICSW; Connolly Huddleston, BCC; Alaina Legere RN	2024-2025	30 hrs	Mentor junior faculty in didactic presentation development and roles as subject matter experts in regional interprofessional education series	9 one-hour regional Palliative Care ECHO® CE accredited programs attended by 100+ interdisciplinary professionals
Bradley Eckert, MD	2024	>40 hrs	Mentor in writing revision of book chapter on pain in the older adult	Chapter in press 2025
Bradley Eckert, MD	2024	20 hrs	Mentored in presentation development/presentation	Copresented regional 3-hour CE seminar Buprenorphine and 1 hour presentation pain management substance use for residents Dartmouth Hitchcock
Alexandra Steinbaugh LICSW;	2024	25 hrs	Mentor in data synthesis, manuscript development for publication	Manuscript published 9/2024 Journal

Ashley Johnson, PharmD				Palliative Medicine
Bryan Hybki MD	2023-2024	>30 hrs	Mentor in manuscript development for publication	Manuscript published 9/2024 Current Addiction Reports
Christopher Ahern, DO; Ashley Johnson, PharmD; Ember Moore APRN; Shana Wierchowski, MD; Sasha Steinbaugh, LICSW; Belle Matheson, APRN; Barry Neville, APRN;	2023-2024	30 hrs	Mentor junior faculty in didactic presentation development and roles as subject matter experts in regional interprofessional education series	9 one-hour regional Palliative Care ECHO® CE accredited programs attended by 65-90 interdisciplinary professionals
Christopher Ahern, DO; Ashley Johnson, PharmD; Ember Moore APRN; Shana Wierchowski, MD; Sasha Steinbaugh, LICSW; Gayle Robertson, BCC	2022-2023	24 hrs	Mentor junior faculty in didactic presentation development and roles as subject matter experts in regional interprofessional education series	9 one-hour regional Palliative Care ECHO® CE accredited programs attended by 60+ interdisciplinary professionals
Shana Wierchowski, MD	2022	25 hrs	Mentored in preparation and execution of first publication -	Chapter publication textbook Pain and Ethics at the end of life
Christopher Ahern, DO; Ashley Johnson, PharmD; Emily Kobin, MD; Anne Malin, MSW; Ember Moore APRN; Shana Wierchowski, MD	2021-2022	30 hrs	Mentor junior faculty in didactic presentation development and roles as subject matter experts in regional interprofessional education series	9 one-hour regional Palliative Care ECHO® CE accredited programs attended by 60+ interdisciplinary professionals

Emily Kobin, MD; Ember Moore, APRN ; Kimberly Youngren, MD	2021	10 hrs	Mentored in abstract and case presentation development accepted	Case Presentation Accepted- American Academy of Hospice Palliative Medicine Annual Assembly junior faculty case presentations
Ember Moore, APRN	2020-2021	>50 hrs	Mentored in writing chapter nursing textbook	First publication chapter Dyspnea/Cough Oxford Textbook of Advance Palliative Care Nursing
Lynsey Teulings, APRN	2018-2019	50 hrs	Implemented feasibility pilot in head and neck cancer and thoracic cancer on opioid risk screening in oncology	Developed and presented poster presentation and mentored in first publication

G. OTHERS (FOREIGN NURSING PROGRAM)

<u>Name of Advisee/Mentee</u>	<u>Dates advised/mentored</u>	<u>Approximate time commitment</u>	<u>Program or synopsis</u>	<u>Notable Endpoints</u>
Sangeeta Nair	2017-2018	24 hrs	Namaste End of Life Nursing Education Mentorship, Cipla Palliative Care and Training Center, Pune, India	Development of nurse training for palliative care unit
Anita Gole	2017	12 hrs	Namaste End of Life Nursing Education Mentorship, Cipla Palliative Care and Training Center, Pune, India	Reported palliative care skill development
Nagraj Patil	2017	12 hrs	Namaste End of Life Nursing Education Mentorship, Cipla Palliative Care and Training Center, Pune, India	Reported palliative care skill development

XII. ENGAGEMENT, ADVOCACY, COMMUNITY SERVICE, COMMUNITY EDUCATION

<u>DATES</u>	<u>INSTITUTION</u>	<u>NAME OF COURSE/ACTIVITY</u>	<u>ROLE</u>	<u>HOURS/YR</u>
2024-2025	Hui Pohala, Honolulu, HI	Palliative care for Emergency Medical Technicians and Community Health Workers	Consult on presentation development/ Mentoring for RNs	10
2023	New Hampshire Department of Health and Human Services	Peer Recovery Support Services Community of Practice	Guest Speaker – Pain Management in setting of substance use disorder	2
2014-2015	Columbia University Medical Center, New York, NY	Pancreatic Cancer Support Group	Guest Speaker	2
2006	Kokua Mau, Honolulu, HI	End-of-Life Care Coalition	Professional Advisory Member	10
1994-1998	Hawaii Industry Venture, Honolulu, HI	AIDS Awareness in the workplace	Professional Advisory Member	10

XIII. RESEARCH ACTIVITIES

1. Awarded Grants

<u>DATES</u>	<u>PROJECT TITLE/NUMBER</u>	<u>ROLE/%EFFORT</u>	<u>SPONSOR</u>	<u>ANNUAL DIRECT COSTS</u>
2019-2020	Opioid Risk Assessment in the Oncology Population	Principal Investigator/20%	American Cancer Society Institutional Research Grant	\$30,000
2018	Screening for Substance Use Disorder in the Oncology Population	Awardee/5%	American Association of Nurse Practitioners, National Institute of Drug Abuse Mentored Award in Substance Use Research Training Initiative	\$11,500
2018	Opioid Risk Assessment in the Oncology Population	Principal Investigator/5%	DHMC Department of Medicine Advisory Council Education Award	\$10,000

2. Awarded Grants – substantive support- not involved in crafting/writing prior to submission/review - none

B. Pending Submissions - none

C. Clinical Faculty: Activities for which you have been provided protected time (but not funding), please provide:

<u>DATES</u>	<u>NAME OF PROJECT</u>	<u>ROLE/PROTECTED TIME</u>	<u>IRB APPROVAL</u>	<u>OUTCOME</u>
2020-2021	Telehealth in Palliative Care during COVID-19	Co-Principal Investigator/20%	Yes	Peer-reviewed publication

	(Funded Burbank Palliative Research Fund, Dartmouth Hitchcock Medical Center)			
2018-2020	Opioid Risk Assessment Palliative Medicine (Funded: Burbank Palliative Research Fund, Dartmouth Hitchcock Medical Center)	Co-Principal Investigator/20%	Yes	National presentation/practice change
2017- 2019	Interprofessional Education in Hospice and Palliative Care (Funded: Burbank Palliative Research Fund, Dartmouth Hitchcock Medical Center)	Principal Investigator/25%	Yes	American Academy Hospice Palliative Medicine Scientific Research Award Poster Presentation 2019

XIV PROGRAM DEVELOPMENT

- Title:** Buprenorphine: A First Line Opioid for those with Serious Illness – Dartmouth Hitchcock
Type: Education
Aim of program: Improve clinician comfort and competency in treating pain and opioid use disorder
Role: Program development, coordination and educator
Relevant dates: September 2022, March and September 2023, September 2024
Cohort of program: September 2022, 2023, 2024- regional palliative and hospice medicine physicians, advance practice providers, -estimated # 40-45 per year; March 2023 – regional physicians and advance practice providers – estimated #75
Assessments by which impact of program has been measured: Post-course survey
- Title or Project Description:** Palliative ECHO® (Extension for Community Healthcare Outcome) Telementoring Program – Regional Program
Type: Regional interprofessional telementoring education
Aim of program: Provide clinicians with primary palliative care tools as well as foster a collaborative network in the region. Secondary purpose is to mentor junior faculty in educational development
Role: Program development, Course co-director, Facilitator 2021-2022, 2022-2023, 2023-2024
Relevant dates of involvement: 2021- present - as of 2024 in 4th year of program
Cohort: Physicians, advance practice providers, registered nurses, social workers, physical and occupational therapists, chaplains, volunteers, community members; registrants ranged from 150 in first year 2021-2022 to 213 in current year 2024-2025
Assessments by which impact of program has been measured: Pre/post course survey; continued institutional support of program
- Title:** Opioid Risk Assessment in the Oncology Population- Norris Cotton Cancer Center
Type: Education/pilot research
Aim of program: Improve awareness about opioid misuse risks in the oncology population and assess utility of opioid risk assessment tool
Role: Program development, education, preparation/presentation
Relevant dates: 2018-2021
Cohort: Clinicians from gastrointestinal, thoracic and head/neck oncology clinics; estimated # -30

Assessments by which impact of program has been measured: Findings from the pilot study presented at Northern New England Clinical Oncology Society Conference, 2018 and the Dartmouth Hitchcock Second Annual Research Symposium 2019; received funding from the American Cancer Society to conduct a cancer-center wide point prevalence study on risks for opioid misuse in the oncology population and results have been disseminated through presentations and publication

4. **Title:** Development of Medications for Addiction Treatment Clinic in Palliative Care – Dartmouth Hitchcock
Type: Clinical
Aim of program: Improve confidence and competency in the care of patients with substance use disorder, pain and serious illness
Role: Program development, subject matter expert
Relevant dates: 2017
Cohort of program: Palliative care clinicians – inpatient and ambulatory care setting, palliative medicine fellows and palliative care RNS/SW – est #20 with 5 new fellows yearly
Assessments by which impact of program has been measured: Marked increase in prescribing of buprenorphine for opioid use disorder among palliative care clinicians
5. **Title:** Implementation of Opioid Prescribing Guidelines in Palliative Care – Dartmouth Hitchcock
Type: Clinical
Aim of program: Improve safety in opioid prescribing in the palliative care population
Role: Program development, subject matter expert
Relevant dates in which you are/were involved: 2016- present
Cohort of program: Palliative care clinicians – inpatient and ambulatory care setting, palliative medicine fellows and palliative care RNS/SW – est #20 with 5 new fellows yearly
Assessments by which impact of program has been measured: Information about practice published in the American Academy of Hospice Palliative Medicine (AAHPM) Summer quarterly 2018 and presented AAHPM 2018 conference; part of a 'pain series' being offered through AAHPM
6. **Title:** Advanced Practice Registered Nurses (APRN) – Removing Barriers to Independent Practice- Dartmouth Hitchcock
Type: Advocacy
Aim of program: Remove barriers to independent APRN practice (licensure in NH – independent practice 30+ years) in which Dartmouth leadership required co-signatures by a physician on notes and orders
Role: Advocacy and leadership
Relevant dates in which you are/were involved: 2016
Cohort of program: > 600 APRNs in the Dartmouth system
Assessments by which impact of program has been measured: Requirements for co-signatures removed 2017 thus APRNs are properly recognized for the work they perform independently in clinical practice
7. **Title:** Palliative Care Resource Champion Program – New York Presbyterian Hospital NY
Type: Interprofessional Education
Aim of program: Improve primary palliative care in the hospital setting through monthly interprofessional education of registered nurses, advance practice providers, and social workers
Role: Co-development, implementation, facilitation
Relevant dates in which you are/were involved: 2015-2016
Cohort of program: Registered nurses advance practice providers, social workers (n=20+) per year
Assessments by which impact of program has been measured: post-course surveys continued institutional funding after end of grant sponsorship; presentations at national conferences
8. **Title:** Palliative Care for Homecare Nurses- Jewish Home and Hospice and Visiting Nurses NY
Type: Nursing and allied health education

Aim of program: Increase awareness of primary palliative care needs in a population of persons with chronic illness in the home care setting through development of two programs (16 hours and 32 hours) for two home care agencies in New York City

Role: Co-development, implementation, facilitation

Relevant dates in which you are/were involved: 2007-2008

Cohort of program: Registered nurses, nursing assistants, transporters in 2 home care agencies n>30 each cohort

Assessments by which impact of program has been measured: Post-course surveys

9. **Title:** Pain Resource Champion Program, Kaiser Permanente Honolulu, HI

Type: Nursing education

Aim of program: Improve pain management in the institution through education of bedside nursing champions

Role: Development, implementation, facilitation

Relevant dates in which you are/were involved: 2006

Cohort of program: registered nurses (n>20 per year)

Assessments by which impact of program has been measured: Post-course surveys, decreased length of stay for patients with chronic pain admitted for joint replacement; replication of model in other Kaiser facilities; institutional support for multiple years to repeat program findings at the American Society for Pain Management Nursing 2014 and published in the Nursing Clinics of North America, 2014

10. **Title:** Pain Management in the Inpatient Setting, Kaiser Permanente Honolulu HI

Type: Clinical and Education

Aim of program: Improve pain management in the institution through changes in pain management delivery, nursing and prescribing clinician education as the first inpatient advance practice provider in this acute care setting

Role: Development, implementation, facilitation

Relevant dates in which you are/were involved: 2002-2006

Cohort of program: Registered nurses and prescribing clinicians

Assessments by which impact of program has been measured: Continued support for pain management education; continued institutional support for the use of advance practices providers in the acute care setting

XV. ENTREPRENEURIAL ACTIVITIES - none

XVI. MAJOR COMMITTEE ASSIGNMENTS, inclusive of Professional Societies

National/international

<u>DATES</u>	<u>COMMITTEE</u>	<u>ROLE</u>	<u>INSTITUTION/SOCIETY</u>
2025	Community based Palliative Care Advisory Group	Advisory Group Member	HuiPohala, Honolulu HI
2025	Expert Panel on Clinical Practice Guideline development for Opioid Conversion	Representative for Hospice Palliative Nurses Association	The Multinational Association of Supportive Care in Cancer (MASCC), American Society of Clinical Oncology, AAHPM (American Association Hospice Palliative Medicine), HPNA (Hospice Palliative Nurses Association), and the Network Italiano Cure di Supporto in Oncologia(NICSO)
2025	External Site Visitor – Program Review	External Reviewer	University of Maryland at Baltimore Graduate Programs (MS, PhD, certificate) in Palliative Care
2019-2020	Medical Marijuana Position Statement Revision Workgroup	Chairperson	Hospice Palliative Nurses Association

2015- 2017	Credentialing Board of Directors	Member	Hospice Palliative Credentialing Center
2014	State Pain Alliance Network	Representative	Hospice Palliative Nurses Association
2014	Professional development council	Member	Hospice Palliative Nurses Association
2013-2017	Pain Care Forum Institute of Medicine Task Force	Representative	Hospice Palliative Nurses Association
2010-2012	Nursing Special Interest Group	Chairperson	American Pain Society
2010-2012	Risk Evaluation Mitigation Strategies for Opioids Taskforce	Chair-person	American Society for Pain Management Nursing
2008-2009	Exam Development Committee	Member	National Board for Certification Hospice Palliative Nurses
2006-2007	Exam Development Committee	Member	American Society for Pain Educators
2005-2010	Clinical Advisory Board	Member	American Society for Pain Educators

Regional

<u>DATES</u>	<u>COMMITTEE</u>	<u>ROLE</u>	<u>INSTITUTION/SOCIETY</u>
2016-2017	Board of Directors	Vice President	Metro NY Hospice Palliative Nursing Association
2015-2017	Steering Committee	Member	Metro NY Hospice Palliative Nursing Association
2015-2016	Task force Medical Orders for Life Sustaining Treatment Statewide Implementation Initiative	Member	New York Nurse Practitioner Association
2014-2016	Board of Directors	Secretary	Eastern Pain Association
2010-2018	Board of Directors	Secretary	American Society for Pain Management Nursing, NYC Chapter

Institutional – see below

XVII. INSTITUTIONAL CENTER OR PROGRAM

<u>DATES</u>	<u>COMMITTEE</u>	<u>ROLE</u>	<u>INSTITUTION</u>
2025-	Opioid and Opioid Use Disorder Stewardship Committee	Member	Dartmouth-Hitchcock Medical Center
2023-	Department of Medicine, Advisory Committee for Education	Member	Dartmouth-Hitchcock Medical Center
2022-	Harmful Opioid Use Committee	Member	Dartmouth-Hitchcock Medical Center
2018-2024	Sedation/Analgesia Panel	Member	Dartmouth-Hitchcock Medical Center
2014-2016	Clinical Competency Committee, Palliative Care	Member	Columbia University Medical Center, NY, NY
1996	Clinical Nursing Ladder Committee	Chair	The Queens Medical Center, Honolulu, HI
1996	Unit Education Sub-committee	Chair	The Queens Medical Center, Honolulu, HI

XVIII. EDITORIAL BOARDS

<u>DATES</u>	<u>SOCIETY/JOURNAL</u>	<u>ROLE</u>
2021-	Fast Facts/ Medical School of Wisconsin	Member Editorial Board

2018-2022	Journal Hospice Palliative Nursing	Coordinator Ethics Series; Member Editorial Advisory Board
2014-2022	The Nurse Practitioner Journal	Member Editorial Advisory Board

XIX. JOURNAL REFEREE ACTIVITY

<u>DATES</u>	<u>JOURNAL NAME</u>	<u>ROLE</u>	<u>FREQUENCY OF REVIEW ANNUALLY (estimated)</u>
2021-	Journal Doctorate of Nursing Practice	Reviewer	1
2021-	Journal National Cancer Institute	Reviewer	2
2019-	BMC Palliative Care	Reviewer	1
2019-	BMC Palliative Care	Reviewer	1
2017-	Journal Oncology Practice	Reviewer	2
2017	Nursing2017	Reviewer	2
2017-	Journal Nurse Practitioners	Reviewer	3
2017-	Journal of Palliative Medicine	Reviewer	3
2017 -	Journal of Pain and Symptom Management	Reviewer	1
2016	Journal of the Academy of Nurse Practitioners	Reviewer	1
2016	Nursing2016	Reviewer	2
2016	Critical Care Nursing2016	Reviewer	1
2016	Federal Practitioner	Reviewer	1
2015-	Pain Management Nursing	Reviewer	1
2013-	The Nurse Practitioner Journal	Reviewer	5
2014	Clinical Advisor	Reviewer	1
2013-	American Journal of Nursing	Reviewer	>8

XX. AWARDS AND HONORS:

<u>DATES</u>	<u>AWARD</u>
2019	New Hampshire Magazine and New Hampshire Nurses Association, Excellence in Nursing Award, Hospice and Palliative Care Nursing
2013	Scholarship, 2013 Anthony J. Jannetti Nursing Economic\$ Scholarship Program
2012	American Society for Pain Management Nursing Distinguished Service Award
2012	New York University Palliative Care Preceptor of the Year
2012	New York University Palliative Care Preceptor of the Year
1993	Sigma Theta Tau International Honor Society
1992	Fuld Fellowship Recipient, International Conference in Cancer Nursing, Vienna, Austria
1991	The Queen's Medical Center Restricted Grant Recipient

XXI. INVITED PRESENTATIONS (* Personal Invitation, ^ CME, # abstract accepted presentation)**A. International**

<u>DATE</u>	<u>TOPIC/TITLE</u>	<u>SPONSORING ORGANIZATION</u>	<u>LOCATION</u>
2019	*Addressing Barriers to Coverage and Access for Pain and Addiction Treatment: Where are We Now? (panelist)	Bio International Convention	Philadelphia, PA
2019	*Addressing Barriers to Coverage and Access for Pain and Addiction Treatment: Where are We Now? (panelist)	Bio International Convention	Philadelphia, PA
2018	*Pain and Symptom Management-Nursing Preconference	25 th International Conference of The Indian Association for Palliative Care	New Delhi, India
2014	*Moving toward Transdisciplinary Pain Management	Forum Regional Latino Americano em Dor, MUNDI	Sao Paulo, Brazil

2014	*Comprehensive Pain Management	Forum Regional Latino Americano em Dor, MUNDI	Sao Paolo, Brazil
2014	*Evidence Based Management of Low Back Pain, Cancer Pain and Post-operative pain	Forum Regional Latino Americano em Dor, MUNDI	Sao Paolo, Brazil
2014	*Oncology Case Study	Forum Regional Latino Americano em Dor, MUNDI	Sao Paolo, Brazil
2013	*Special Needs of People with Chronic Pain	International Interdisciplinary Program on Pain, MUNDI	Sao Paolo, Brazil
2013	*Short- and Long-Term Side Effects of Opioids	International Interdisciplinary Program on Pain, MUNDI	Sao Paolo, Brazil
2013	*Global Prevalence of Pain (co-presenter, BE Cole)	International Interdisciplinary Program on Pain, MUNDI	Sao Paolo, Brazil

B. National

<u>DATE</u>	<u>TOPIC/TITLE</u>	<u>ORGANIZATION</u>	<u>LOCATION</u>
2024	*^ A Palliative Care Imperative: Pain, Serious Illness and substance Use	American Academy of Hospice and Palliative Medicine	Grand Rounds Webinar
2024	*^Pain Management and Opioids: Balancing Risks and Benefits	American Academy of Hospice and Palliative Medicine	Louisville KY
2023	#^ The SAFEST Way – Approaching Challenging Conversations about High-Risk Medications (Ho JJ, Childers J, Broglio K)	American Society for Addiction Medicine	Washington, DC
2023	*^Pain Management and Opioids: Balancing Risks and Benefits	American Academy of Hospice and Palliative Medicine	Webinar
2022	*^Acute Pain Management in Individuals with Substance Use Disorder	Providers Clinical Support System- American Society for Pain Management Nursing	Webinar
2022	*^ Buprenorphine: A First Line Consideration for Pain Management	American Academy of Hospice Palliative Medicine Pain Intensive	Louisville, KY
2022	#^From Diagnosis Til Death Do We Part: Palliative Care, Harm Reduction, and the Management of Pain and Opioid Use Disorder Across the Continuum (Nickels K, Holbein M, Ho J, Broglio K , Rosielle D)	American Academy of Hospice Palliative Medicine/Hospice Palliative Nurses Association Annual Assembly	Virtual Conference due to COVID19
2022	#^ “Doctor, Our New Hospice Admission is in Pain!” Should I Continue that 32 mg of Buprenorphine or Not?” (Prommer E, McPherson ML, Davis A, Broglio K , Hirst J)	American Academy of Hospice Palliative Medicine/Hospice Palliative Nurses Association Annual Assembly	Virtual Conference due to COVID19
2021	#^Let’s Play <i>Jeopardy!</i> And the Category is Substance Use Disorder. (Davis AL, Prommer E, McPherson ML, Broglio K , Hirst JM)	American Academy of Hospice Palliative Medicine/Hospice Palliative Nurses	Virtual Conference due to COVID19

		Association Annual Assembly	
2021	#^Palliative Care as First Responders in the Opioid Epidemic: A Toolkit for Harm Reduction and Treatment. (Johnston C, Broglio K , Bottner R, Carper E, Mason K, Walker B)	American Academy of Hospice Palliative Medicine/Hospice Palliative Nurses Association Annual Assembly	Virtual Conference due to COVID19
2021	*^Pearls for the Treatment of Acute Pain in Individuals with Substance Use or Opioid Use Disorder	American Society for Pain Management Nurses 31 st Annual Conference	Virtual Conference due to COVID19
2021	#^ Buprenorphine and Palliative Care. (Nichols K, Abel S, Holbein M, Broglio K)	BUPE21 – One day virtual conference extension of <i>Journal of Opioid Management</i>	Virtual pre-recorded presentation
2020	*^Managing Pain in the Setting of Co-Morbid Substance Use Disorder (co-presenter B St. Marie)	Providers' Clinical Support System and American Society for Pain Management Nursing	National Webinar
2020	*^Cannabis and Pain (co-presenter J Shega)	American Academy of Hospice Palliative Medicine/Hospice Palliative Nurses Association	National Webinar
2020	#^Palliative Care Pain Management and Co-Morbid Substance Use Disorder	American Association of Nurse Practitioners 2020 National Conference	New Orleans LA (Conference cancelled due to COVID19)
2020	#^Treatment of Pain in Individuals on Medications for Opioid Use Disorder	American Association of Nurse Practitioners 2020 National Conference	New Orleans LA (Conference cancelled due to COVID19)
2020	#^Opioid Safety in the Home: Creating a Toolkit for Patients	American Association of Nurse Practitioners 2020 National Conference	New Orleans LA (conference cancelled due to COVID19)
2020	#^Cannabis: A New Addition to the Palliative Care Toolkit. (Rosielle DA, Zarrabi AJ, Broglio K , Zama I, Martins-Welch DC, Curseen KA)	American Academy of Hospice Palliative Medicine/Hospice Palliative Nurses Association Annual Assembly (Preconference Workshop)	San Diego, CA (conference cancelled due to COVID19)
2020	*^Town Hall Meeting: Critical Conversations: Cannabis and Cannabinoids in Hospice and Palliative Care (Panelists: Broglio K , Curseen K, McPherson ML)	American Academy of Hospice Palliative Medicine/Hospice Palliative Nurses Association Annual Assembly	San Diego, CA (conference cancelled due to COVID19)
2019	#^No Patient Left Behind: Integrating Addiction Treatment with Buprenorphine into Your Outpatient Palliative Care Practice. (Childers J, Horowitz R, Broglio K , Jangro W)	American Academy of Hospice Palliative Medicine/Hospice Palliative Nurses Association Annual Assembly	Orlando, FL

2019	#^Medical Cannabis in Outpatient Palliative Care: Evidence and Approaches for Integrating Cannabis into Clinical Practice. (Zarrabi AJ, Broglio K , Rosielle DA, Martins-Welch DC, Zama I, Maher J)	American Academy of Hospice Palliative Medicine/Hospice Palliative Nurses Association Annual Assembly	Orlando, FL
2019	*^Pain Management in Serious Illness and Co-Morbid Substance Use Disorder	Hospice Palliative Nurses Association	National Webinar
2019	#^Opioid Use Disorder in the Cancer Population: Opportunities and Challenges	American Association of Nurse Practitioners Annual Conference 2019	Indianapolis, IN
2019	#^Screening and Interventions for Substance Use and Alcohol Use Disorder: Current State of the Science	American Association of Nurse Practitioners Annual Conference 2019	Indianapolis, IN
2019	#^Treatment of Pain and Opioid Use Disorder (co-presenter B St. Marie)	American Society for Pain Management Nursing Annual Conference 2019	Portland, OR
2018	#^The Opioid Crisis and Palliative Care: Tools and Strategies to Help Turn the Tide (Lockman K, Broglio K , Patel P, Kullgren J, Calton BA)	American Academy of Hospice Palliative Medicine/Hospice Palliative Nurses Association Annual Assembly (Pre-Conference workshop)	Boston, MA
2018	#^Hitting the Sweet Spot: Practical Tips for Navigating the Opioid Crisis in Outpatient Palliative Care. (Lockman K, Broglio K , Patel P, Kullgren J, Calton BA)	American Academy of Hospice Palliative Medicine/Hospice Palliative Nurses Association Annual Assembly	Boston, MA
2018	*^Opioid Prescribing: Safe Practice, Changing Lives (co-presenter R Hudspeth)	American Association of Nurse Practitioners 2018 National Conference	Denver, CO
2018	*Opioid Addiction: Changing the Paradigm for Treating Pain and Addiction (panelist)	Bio 2018 Patient & Health Advocacy Summit	Washington, DC
2017	*^Pain Management in High- Risk Populations: Sickle Cell Disease	Oncology Nursing Congress	Denver, CO
2017	#^Managing Symptoms at End-of-Life	American Society for Pain Management Nursing 27th National Conference	Phoenix, AZ
2017	#^Pain Management in Serious Illness and Co-morbid Substance Use Disorder	American Society for Pain Management Nursing 27 th National Conference	Phoenix, AZ
2017	*^Buprenorphine for Pain Management & Medication Assisted Treatment	American Association of Nurse Practitioners Specialty Conference	Reno, NV
2017	*^Acute Pain Management in the Patient on Medication Assisted Treatment	American Association of Nurse Practitioners Specialty Conference	Reno, NV

2017	*^Acute Pain Management in Opioid Tolerant Patients (co-presenter M Cooney)	American Association of Nurse Practitioners Lunch n Learn Webinar	Webinar
2016	#^ Changing Practice from “Dosing to Numbers’ to Survey-Proof Range Orders (co-presenters A Quinlan-Colwell, D Drew)	American Society for Pain Management Nursing 26 th National Conference	Louisville, KY
2016	#^Acute Pain Management in Patients with Substance Use Disorder (co-presenter M Cooney)	American Society for Pain Management Nursing 26 th National Conference	Louisville, KY
2016	*^9/24/2016 Managing Symptoms at the End of Life	American Association of Nurse Practitioners Specialty Leadership Conference	Chicago, IL
2016	*^Pain Management in Serious Illness with Co-morbid Substance Use Disorder	American Association of Nurse Practitioners Specialty Leadership Conference	Chicago, IL
2016	*^Pain Management in Individuals with Serious Illness and Substance Use Disorder	Providers’ Clinical Support System for Opioids and American Society for Pain Management Nursing	Webinar
2015	#^Tapentadol therapy to manage moderate-to-severe pain: key considerations for nursing (co-presenter P Arnstein)	American Society for Pain Management Nursing 25 th National Conference	Atlanta, GA
2013	#^Pain and Genetics: Nurses Role	American Society for Pain Management Nursing Annual Conference	Indianapolis, IN
2011	*^Risk Evaluation and Mitigation Strategies for Opioids	Hospice Palliative Nurses Association Professional Nurse Webinar	Teleconference
2010	*^Pain Management in Advanced Illness and Comorbid Substance Use Disorder (co-presenter A Walsh)	Hospice Palliative Nurses Association Professional Nurse Web	Teleconference
2009	*^Pain Assessment	PAINWEEK	Las Vegas, NV
2009	*^Common Pain Syndromes	PAINWEEK	Las Vegas, NV
2009	*^Case-Based Teaching	PAINWEEK	Las Vegas, NV
2009	*^Understanding Bloom’s Taxonomy	PAINWEEK	Las Vegas, NV
2008	*^Clinical Interviewing: Assessment of Pain and Non-Pain Symptoms	Kaiser Permanente 3 rd National Geriatrics and Palliative Care	San Francisco, CA
2008	*^Role of Pain Educator in Multiple Practice Environments	PAINWEEK	Las Vegas, NV

2008	*^Effective Case-Based Teaching	PAINWEEK	Las Vegas, NV
2008	*^Opioid Management in Palliative Care	PAINWEEK	Las Vegas, NV
2008	*^Teaching Patient Groups Pain Self Care	PAINWEEK	Las Vegas, NV
2007	*^Clinical Interviewing	PAINWEEK	Las Vegas, NV
2007	*^Special Populations: Care of the Terminally Ill	PAINWEEK	Las Vegas, NV
2006	*^Pain and Culture: What's it all about? (co-presenter BE Cole)	Kaiser Permanente National Geriatric and Palliative Care Conference	Anaheim, CA
2005	*^Assessing Pain	American Society of Pain Educators' Pain Educators Forum	Las Vegas, NV
2005	*^Teaching About Cultural Diversity	American Society of Pain Educators' Pain Educators Forum	Las Vegas, NV

C. Regional/Local

<u>DATE</u>	<u>TOPIC/TITLE</u>	<u>SPONSORING ORGANIZATION</u>	<u>LOCATION</u>
2025	*^ Burprenorphine- An Essential Tool for Pain Management in Serious Illness	New Jersey Palliative Care Advance Practice Registered Nurse Consortium	Webinar
2025	*^ Cancer, Pain and Substance Use	Dartmouth Cancer Center Grand Rounds	Lebanon NH
2024, 2023, 2022	*^ Buprenorphine as a First Line Analgesic (3 hours)	Dartmouth Hitchcock Medical Center (open to outside participations)	Hybrid: Live/Webinar
2023	*^Opioid Prescribing and Buprenorphine as a First Line Analgesic (4 hours)	Dartmouth Hitchcock Medical Center (open to outside participations)	Hybrid: Live/Webinar
2023	*Cannabis Use in Oncology	Dartmouth Cancer Center Advance Practice Provider Retreat	Webinar
2023	*Buprenorphine Use in Palliative Care	Scripps University Medical Center, Palliative Care Service, San Diego CA	Webinar
2023	*^Challenging the Status Quo: Approaches to Addressing Pain in Individuals who have Serious Illness and Use Substances	28 th Annual Fall Hospice and Palliative Care Conference	Concord NH
2022	*^Therapeutic Cannabis in Palliative Oncology Care	Northern New England Clinical Oncology Society Annual Conference	Webinar
2022	*^Chronic Pain Management in Individuals with HIV disease	Dartmouth Hitchcock Medical Center AIDS Seminar Series	Webinar

2022	*Acute Pain Management in Individuals with Substance Use Disorder	Foundations for Health Communities	Recorded presentation
2022--2024	*^ Project ECHO® Partnership for Academic-Clinical Telepractice Substance Use Disorder (Faculty)	University of New Hampshire Project ECHO®	Webinar (9 sessions per year)
2021	*^ Project ECHO® Partnership for Academic-Clinical Telepractice Medications for Addiction Treatment (Faculty)	University of New Hampshire Project ECHO®	Webinar (10 sessions)
2021	*Managing Complex Pain for Patients with Serious Illness	Mt. Ascutney Hospital, New Hampshire Grand Rounds	Webinar
2021	*^Medical Cannabis in Palliative Care	NIH Pain and Palliative Care CME Series	Webinar
2021	#^Opioid Prescribing: Universal Precautions across the Continuum (Broglio K, Stephens L)	Northern New England Nurse Practitioner Conference	Webinar
2021	*Igniting the Passion of Research	Greenhouse Series, Dartmouth Hitchcock Medical Center	Webinar
2021	*Cannabis for Pain and Symptom Management	Dartmouth-Hitchcock Primary Care Services	Webinar
2021	*Cancer Pain and Risks for Opioid Use Disorder: What our Patients are Telling Us	Vermont-New Hampshire Oncology Nursing Society Meeting	Lebanon, NH
2021	*^ Challenging the Status Quo Part 2: Approaches to Addressing Pain in People with Serious Illness who Use Substances	New York Hospital + Health; 2021 Annual Palliative Care Conference: Intersection of Pain, Palliative Care and Substance Use Disorder	New York NY (Webinar)
2020	#^Project ECHO®: Building Community Practitioner and Student Knowledge and Confidence in Medications for Addiction Treatment (Doyle M, Shepard M, Sharp D, Broglio K)	Northern New England Nurse Practitioner Conference	Nashua, NH (<i>conference cancelled due to COVID19</i>)
2020	#^Project ECHO®: Building Community Practitioner and Student Knowledge and Confidence in Medications for Addiction Treatment (Doyle M, Shepard M, Sharp D, Broglio K)	Northern New England Nurse Practitioner Conference	Nashua, NH (<i>conference cancelled due to COVID19</i>)
2020	*^Project Chronic Pain ECHO®: (Faculty)	Project Chronic Pain ECHO®: Dartmouth-Hitchcock	Webinar (6 sessions)
2019	*Pain Management: Individuals on Medications for Addiction Treatment	Sentara Healthcare, VA	Webinar (12 hospitals)
2019	*^Substance Use Disorders in the Oncology Population: Opportunities and Challenges	Fifth Annual NH/VT Oncology Nursing Symposium	Lebanon, NH
2019	*^ Reducing risk and treating pain in seriously ill patients	Northern New England Serious Illness Collaborative	Fairlee, VT

2019	*^Cannabis and Opioids in Pain Management: Alternatives? Complements? Pipe dream? (co-presenter S Savage)	Dartmouth Hitchcock Medical Center Medicine Grand Rounds	Lebanon, NH
2019	*^ Plenary: Managing Pain in Serious Illness and Co-morbid Substance Use Disorder: Challenges and Opportunities	8th Annual Great Lakes Palliative Care Conference	Lake Geneva, WI
2019	*Clinical Considerations: Cancer, Pain and risks for Substance Use Disorder	New York Presbyterian Hematology and Oncology Section	New York, NY
2019	*^ Clinical Considerations: Substance Use Disorder in Hospice	Grand Rounds: Visiting Nurses Service of New York	New York, NY
2019	*Advanced Pain Management: The Case for Buprenorphine	NY Metro Hospice Palliative Nursing Association	New York, NY
2019	*^Opioids and Cannabis: Keeping your Clients Safe	Dartmouth Center for Aging: Opioids and Pain in the Older Adult Conference	Lebanon, NH
2019	*^Cannabis: The New Panacea for Pain and Symptom Management?	Hospital for Special Surgery: Pain Management in 2019: Issues, Challenges and Treatments, 13 th Annual Pain Awareness Program	New York, NY
2019	*^Managing Pain in Serious Illness for Individuals at Risk for Substance Use Disorder	Columbia Hospice and Palliative Medicine Grand Rounds	New York, NY
2018	*^Pain Management in Serious Illness with Co-Morbid Substance Use Disorder	Pain and Palliative Grand Rounds Westchester Medical Center	Westchester, NY
2018	*Opioids and Cannabis: Keeping your Clients Safe	Support and Services at Home: Annual Staff Training Day	West Lebanon, NH
2018	*^Buprenorphine in Clinical Practice: Medication Assisted Treatment or Pain Management	American Society for Pain Management Nursing, Long Island Chapter Annual Meeting	Greenvale, NY
2018	Screening for Opioid Use Disorder in the Oncology Setting	Palliative Care Discussion Group Series, University of Maryland Medical Center, Department of Radiation Oncology	Webinar
2018	*^Screening, Brief Intervention and Referral to Treatment for Substance Use Disorder (co-presenter S Savage)	Dartmouth Hitchcock Medical Center Norris Cotton Cancer Center Grand Rounds	Lebanon, NH
2018	*^Palliative or Hospice Care: What is the best choice for my patients?	Dartmouth Hitchcock Medical Center General Internal Medicine Associate Provider Medicine Education Conference	Lebanon, NH

2017	*^Cannabis: Misuse Risks and Strategies to Reduce Harm	Symposium on Medical Cannabis Therapeutics	Bedford, NH
2017	*^Pain Management and Co-Morbidities in Palliative Care	Oncology Nursing Symposium	White River Junction, VT
2017	*^Pain Management in High-Risk Populations	Oncology Nursing Society Regional Conference	Milwaukee, WI & Raleigh, NC
2016	*^Pain Management in the Individual with Serious Illness and Comorbid Substance use Disorder	Metro NY Hospice and Palliative Nursing Association Chapter Meeting	New York, NY
2016	*Palliative Care 101- Advance Care Planning	NYC Department of Tuberculosis Nursing	New York, NY
2016	*^Comprehensive Pain Assessment	Pain Conference – St Vincent’s Health System	Birmingham, AL
2016	*^Palliative Care/End of Life Pain Management	Pain Conference – St Vincent’s Health System	Birmingham, AL
2016	*^Acute Pain Management in Patients with Substance Use Disorder (co-presenter M Cooney)	Hospital for Special Surgery 10 th Annual Pain Awareness Conference	New York, NY
2016	*Palliative Care in an Elective Surgical Population	Hospital for Special Surgery	New York, NY
2016	*^Managing Pain in Serious Illness and Co-morbid Substance Use Disorders	New Hampshire Hospice Palliative Care Organization Conference	Bedford, NH
2015	*^Overview of Genetics and Pain	American Society for Pain Management Nursing-Long Island Chapter 14 th Annual Pain Conference	Greenvale, NY
2015	*^Update on Prescription Drug Abuse: Strategies to Improve Safety and Decrease Abuse	Hospital Special Surgery and American Society for Pain Management Nursing 9 th Annual Pain Conference	New York, NY
2014, 2015	*^Pain Management in Advanced Disease	End of Life Nursing Education Consortium Program, Weill Cornell Medical Center	New York, NY
2014	*Managing Chronic Pain – WebEx Conference	Kaiser Permanente Northern California Nursing Research	WebEx
2014	*^Online Introduction to Palliative Care	Mt. Sinai Beth Israel Medical Center 1 st Annual Nursing Research Conference	New York, NY
2014	*^Palliative Care in the Acute Care Setting (6-hour seminar)	Nursing Education 1199	New York, NY

2014	*^Pain Management for the medical-surgical nurse (6-hour seminar)	Nursing Education 1199	New York, NY
2014	*^Genetics and Pain Overview	Hospital for Special Surgery 8 th Annual Program on Pain Awareness	New York, NY
2013	*^Current Issues in Pain Management	Hunter College of Nursing	New York, NY
2013	*^Interventional Pain Management	Hunter College of Nursing	New York, NY
2013	*Continuing to Care: Preventing Burnout	Beth Israel Medical Center	New York, NY
2012	*Pain: Going beyond the Fifth Vital Sign	NYU Langone Medical Center	New York, NY
2010	*^Pain Management in Advanced Illness and Co-morbid Substance Use Disorder	Palliative Care and Serious Mental Illness, Veterans Administration	Coatesville, PA
2009	*^Pain Resource Nurse Champion Program	Kaiser Permanente Annual Pain Management Conference	Honolulu, HI
2009	*^Palliative Care Pain Management	Kaiser Permanente Annual Pain Management Conference	Honolulu, HI
2009	*^Palliative Care Pain Management	Challenges in Critical Care Nursing 2009	New York, NY
2009	*^Caring for the Professional Caregiver: Preventing Burnout	4 th Annual Conference Honoring and Caring for Veterans at End-of-Life	Newington, CT
2007	*^Palliative Care: Cancer Pain Management	Kaiser Permanente Palliative Care Conference	Honolulu, HI
2007	*^ Pain Management	Advanced Care in ONCOLOGY	New York, NY
2005	*^Basic Pain Assessment	Kaiser Permanente Palliative Care Conference	Honolulu, HI
2005	*^Palliative Care Case Studies	Kaiser Permanente Palliative Care Conference	Honolulu, HI
2005	*^Pharmacologic and Interventional Pain Management Overview: The Good, the Bad and the Ugly (co-presenter V Antoine)	Kaiser Permanente Medical Grand Rounds	Honolulu, HI
2005	*^Healthcare Provider's Role in the Creation of Chronic Pain	Kaiser Permanente 4 th Annual Pain Management Symposium	Honolulu, HI

XXII. BIBLIOGRAPHY:

A. Peer-reviewed publications in print or other media

1. Most significant publications (3-5)

1. Hybki B, Archibald L, **Broglio K**. Managing pain with opioids in the setting of substance use disorder. *Curr Addict Rep*. 2024; <https://doi.org/10.1007/s40429-024-00601-y> (mentor for first author)
2. Dannenberg MD, Bruce ML, Barr P, **Broglio K**. Prevalence of opioid misuse risk in patients with cancer. *Clin J Onc Nurs*. 2022;26(3):261-267. doi:10.1188/22.CJON.261- (PI – ACS Grant, mentor 1st author)
3. **Broglio K**, Kirkland KB. Rural palliative care patients' attitudes toward telemedicine visit during the COVID-19 pandemic: A descriptive study. *J Palliat Med*. 2021;24(8):1126-1127. doi: 10.1089/jpm.2021.0192. (co-PI)
4. Wilson ME, Masterson E, **Broglio K**. Cannabis use among patients in a rural academic palliative care clinic. *J Palliativ Med*. 2019;22(10):1224-1226. (co-PI, mentor 1st and 2nd author)
5. **Broglio K**, Bookbinder M. Pilot of an online introduction to palliative care. *J Hospice Palliat Nurs*. 2014;16(7):420-9. (PI in pilot study)
2. **All Other publications (excluding any listed in part 1)**
 - b. original peer-reviewed articles (must be in indexed journals)
 1. Wilson M, **Broglio K**, Vergo M, Barnato AE, Cullinan A, Doherty JR, King J, Devito A, Holmes AB, Hinson J, Holt KR, Holthoff M, Kobin E, Legere A, Nelson EC, O'Donnell E, Saunders C, Tomlin S, Kirkland K, Van Citters AD. An Electronic Pre-Visit Agenda-Setting Questionnaire in Ambulatory Palliative Care is Feasible and Acceptable to Patients, Care Partners, and Clinicians: A Mixed Methods Evaluation. *Palliat Med*. 2025;0(0). doi:10.1177/02692163251321327
 2. Jones KF, **Broglio K**, Ho JJ, Rosa W. Compassionate care for people with cancer and opioid use disorder. *Am J Nurs*. 2023;123(8): 56-61. doi: 10.1097/01.NAJ.0000947480.74410.06
 3. Dhawan, N, Schaal A, Pushee JR, **Broglio K**. The effect of touch on pain, anxiety and the patient experience during bone marrow biopsy. *J Clin Onc*. 2023;41:16_suppl, e24131 (mentor 2nd author)
 4. Jones, KF., Malinowski, J., Paice, J., Childers, J., Bulls, H., Morrison, J., Ho, JJ, Alsbrook, K., Nugent, S., **Broglio, K.**, Nickels, K., Holbein, M., Parajuli, J., Merlin, J. Opioid prescribing considerations in patients with cancer and substance misuse and use disorder: A scoping review protocol. *JBI Evid Synth*. 2023;21(4) 812-825
 5. Neale KJ, Weimer MB, Davis MP, Jones KF, Kullgren JG, Kale SS, Childers J, **Broglio K**, Merlin JS, Peck S, Francis SY, Bengo J, Jones CA, Sager Z, Ho JJ. Ten top tips palliative care clinicians should know about buprenorphine. *J of Palliat Med*; 2023;26(1):120-130. doi: 10.1089/jpm.2022.0399
 6. Jones KF, Ho, J, Sager Z, **Broglio K**, Childers J. Sublingual buprenorphine initiation: The traditional method. #441 *J Palliat Med*. 2022; 25(7):1151-1153
 7. Savage SR, Youngren K, Kravic J, Olson C, Pilchik D, **Broglio K**, Brackett C. COVID-19 and Project ECHO driving innovations in rural pain care and education. *Pain Med*. 2021; 22(12):2783-2787. doi: 10.1093/pm/pnab191
 8. St. Marie B, **Broglio K**. Managing pain in the setting of opioid use disorder. *Pain Manage Nurse*. 2020;21(1):26-34. doi: 10.1016/j.pmn.2019.08.003.
 9. Teulings L, **Broglio K**. Opioid misuse risk: Implementing screening in an ambulatory oncology clinic. *Clin J Oncol Nurs*. 2020;24(1):11-14

10. Quinlan-Colwell A, **Broglio K**, Rae D, Drew DJ, Brown CC, Fetty K. Assessing the impact of the position paper "Prescribing and administering opioid doses based solely on pain intensity". *Pain Manage Nurs*. 2018;19(6):573-9
11. **Broglio K**, Matzo M. Acute pain management for people with opioid use disorder. *Am J Nurs*. 2018;118(10):30-8
12. Vergo MT, Pinkson BM, **Broglio K**, Li Z, Tosteson TD. Immediate symptom relief after a first session of massage therapy or reiki in hospitalized patients: 5-year clinical experience from a rural academic medical center. *J Altern Complement Med*. 2018; 24(8):801-8.
13. Cooney MF, **Broglio K**. Acute pain management in opioid-tolerant individuals. *J Nurs Pract*. 2017;13(6):394-9
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16. Walsh A, **Broglio K**. Pain management in the individual with serious illness and comorbid substance use disorder. In: Pace J, Wholihan D, eds. *Nurs Clin North Am: Palliat Care*. 2016;51:433-47
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c. Reviews - none

d. Books/ book chapters/monographs

1. Wierchowski SA, **Broglio K**. Ethical issues in pain management at end of life. In Doka KJ, Jennings B, Kirk TW, & Tucci AS. *End-of-Life Ethics in a Changing World*. Washington, DC: Hospice Foundation of America. 2023:145-160 (mentor 1st author)
2. Moore E, **Broglio K**. Respiratory symptoms. In Dahlin C and Coyne P. *Advanced Practice Palliative Nursing*. 2nd ed. New York, NY: Oxford University Press. 2023:551-574 (mentor 1st author)
3. Davies PS, **Broglio K**. Palliative care nursing in the outpatient setting. In: Ferrell, BR, Paice JA, eds. *Oxford Textbook of Palliative Care Nursing*, 5th ed. 2019:639-651. New York: Oxford University Press

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5. Lang K, Christopher MJ, Emott H, Czarnecki M, **Broglio K.** Social, political and ethical forces influencing pain management. In: Czarnecki ML, Turner HN, eds. *Core Curriculum for Pain Management Nursing*, 3rd Ed. 2018:46-58
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B. Other scholarly work in print or other media

1. Editorially-reviewed publications

- a. Robinson MR, Steele AD. Steinbaugh AC, **Broglio K.** Letter to the Editor: Click here to connect: Learning palliative care skills during ambulatory telehealth visits at a rural academic medical center. *J Palliat Med*. 2025; DOI: 10.1089/jpm.2025.0033
- b. Steinbaugh AC, Johnson AE, **Broglio K,** Larson RJ, Miller-Haines J. Letter to the Editor: A triple ripple: Palliative ECHO® program has reverberations for junior faculty, regional health care colleagues and specialty clinicians. *J Palliat Med*. 2024; <https://doi.org/10.1089/jpm.2024.0347>
- c. Paire S, **Broglio K,** Wallhagen MI. Response to research brief Vol. 20(12):1313: Models of palliative care team composition. *J of Palliat Med*, 2018; 21(5): 586–7
- d. **Broglio K.** Pain Educator “On-the-Go”: Pain assessment in people with cognitive impairment. *Painview*, 2010;6(1):14-15
- e. **Broglio K.** Book Review: “Yoga for arthritis” and “Yoga for osteoporosis”. *Painview*, 2010;6(2):18
- f. **Broglio K.** Pain Educator “On-the-Go”: Seven steps to better patient communication. *Painview*. 2009;5(1):10-11
- g. **Broglio K.** Pain Educator “On-the-Go”: Educating about methadone. *Painview*, 2009;5(2):13
- h. Go R, **Broglio K,** Cole BE. Managing pain in the intensive care unit. *Practical Pain Manag*. 2007;7:63-70.
- i. **Broglio K,** Cole BE. Pain management in terminal illness. *Practical Pain Manag*. 2008;8:51-55.

2. Print resources - none

3. Electronic resources

- a. Patel P, Lockman K, **Broglio K,** Calton B, Kullgren J. Hitting the sweet spot: Practical tips for navigating the opioid crisis in outpatient palliative care. American Academy of Hospice and Palliative Medicine, 2018 Pearls for Practice: Pain Management (recorded bundled sessions for purchase)
- b. **Broglio K,** Doering A, Bassett E, Cullinan A, Stephens L, Wilson M, Soltura M, Chapman. Universal precautions for opioid prescribing in ambulatory palliative care. American Academy of

Hospice and Palliative Medicine, 2018 Pearls for Practice: Pain Management (recorded bundled sessions for purchase)

- c. **Broglio K**, Davies PS. Are you sitting comfortably? Dealing with opioid-induced constipation. 2018. American Association of Nurse Practitioners
- d. **Broglio K**, Portenoy R. Pain management at end of life: Part 1 and 2. *UPTODATE*. 2008
- 4. Large-team publications – none
- 5. White papers/position papers - none
- 6. Others
 - a. **Broglio K**. Care at home: A guide for persons with AIDS and their caregivers. 1995, The Queens' Medical Center, Media Services, Honolulu, HI. (patient caregiver handbook)

C. Abstracts: Include both oral, exhibit and poster presentations

<u>DATE</u>	<u>TOPIC/TITLE</u>	<u>SPONSORING ORGANIZATION</u>	<u>LOCATION</u>
2022	Opioid misuse risk screening in the palliative care setting (Blythe M, Carroll W, Broglio K)	Geisel School of Medicine, Research Day	Hanover, NH
2019	Co-prescribing naloxone to palliative care patients receiving opioids: are we there yet? (Fortier D, Wilson MM, Broglio K)	New Hampshire - IDeA Networks of Biomedical Research Excellence (INBRE) Annual Meeting,	Mt Washington, NH
2019	#Feasibility of opioid risk screening in an oncology clinic: A pilot study. Poster. (Teulings L, Storms M, Beloin K, LeBlanc P, Pellegrino L, Shirai K, Broglio K) Awarded 3 rd Place Poster	Second Annual Dartmouth Hitchcock Research Symposium	Lebanon, NH
2019	Screening for Substance Use Disorder and Alcohol Use Disorder in Oncology. Broglio K, DiMilia P, Savage S, Bruce M	National Institute of Drug Abuse, Clinical Trials Network Meeting	Bethesda, MD
2019	#Cannabis Use Among Patients Prescribed Opioids in a Palliative Care Clinic. Scientific Poster Session. (Wilson M, Masteson E, Broglio K)	American Academy of Hospice Palliative Medicine/Hospice Palliative Nurses Association National Conference	Orlando, FL
2019	#The Gang's All Here: All-Inclusive Interprofessional Education in a Palliative and Hospice Center. Scientific Poster Session. (Broglio K , Dimilia P, , Inouye J, Garland M, Thomson R, Bruce M); Scientific Research Award	American Academy of Hospice Palliative Medicine/Hospice Palliative Nurses Association National Conference	Orlando, FL
2018	#Feasibility of opioid risk screening in an oncology clinic: A pilot study. Poster. (Teulings L, Storms M, Beloin K, LeBlanc P, Pellegrino L, Shirai K, Broglio K)	Northern New England Clinical Oncology Society Meeting	Twin Mountain, NH
2018	#Hitting Two Birds with One Stone: Buprenorphine for Pain and Opioid Use Disorder in the Palliative Care Setting.	American Academy of Hospice Palliative Medicine/Hospice Palliative Nurses	Boston, MA

	Poster. (Broglio K , Chakraborty A, Brackett C)	Association National Conference	
2018	#First Responders: Educating Interdisciplinary Champions to Provide Primary Palliative Care. Poster (Broglio, K , Pandey S, Heller FE, Blinderman CD)	American Academy of Hospice Palliative Medicine/Hospice Palliative Nurses Association National Conference	Boston, MA
2018	#Universal Precautions for Opioid Prescribing in Ambulatory Palliative Care. Paper Session. (Broglio K , Doering A, Bassett E, Cullinan A, Stephens LA, Wilson M, Soltura DL, Chapman)	American Academy of Hospice Palliative Medicine/Hospice Palliative Nurses Association National Conference	Boston, MA
2018	#The impact of reiki versus massage on symptoms for hospitalized patients: as single rural academic center prospective cohort study. Paper Session. Vergo M, Pinkson BA, Broglio K , Li Z, Tosteson T)	Hospice Palliative Medicine/Hospice Palliative Nurses Association National Conference	Boston, MA
2014	#Pilot of an Online Introduction to Palliative Care. Poster. (Broglio K , Bookbinder M)	Hospice Palliative Nurses Association Clinical Practice Forum	Pittsburgh, PA

XXIII. PERSONAL STATEMENT

My 92-year-old mother never imagined that her daughter who dropped out of college to see Evil Knievel's attempt to jump over Snake River Canyon, who as a hair stylist, traveled across the country exhibiting avant-garde hairstyle techniques, who partied at Studio 54 in New York and at Carnival in Rio di Janeiro--would become a faculty member at an Ivy League school. I'm not sure that her daughter--me!-- would have predicted this future. But here I am: a nurse clinician-scholar on the faculty of an institution without a nursing school! My commitment to the contribution of nursing and interprofessional collaboration to successful academic health systems is my motivation for seeking further promotion.

My career is defined by a strong commitment to care for vulnerable, often stigmatized individuals. This has influenced my clinical work; my development of interprofessional education programs; my investment in creating new knowledge; and my dedication to mentoring the next generation of healthcare professionals. What follows is a review of the ways my clinical care, education, scholarship, and mentorship have intersected to meet this commitment and the accomplishments since my last promotion.

I became a nurse, after a successful hairstyling career, inspired largely by the loss of many friends to AIDS. During my first bedside nursing job caring for people with AIDS, fear was the predominant emotion among those caring for these patients. Thus, patients experienced overt stigma and bias. With the support of a small grant, I created a handbook on care at home for people with AIDS, a way to combat fear with education, and was awarded Educator of the Year at the Queen's Medical Center, Honolulu, HI. In my early work, education became a tool to improve the vulnerable patient and care partner experience.

As the first nurse practitioner in the acute care setting at Kaiser Permanente Hawaii, I focused on another vulnerable population--those with pain. In this role I developed the inpatient pain service and championed changes in pain management. I worked to break down barriers between physicians and nurses to improve collaborative practice. To that end, I created and presented an 8-hour presentation on pain management to hundreds of nurses over two years. Through generous institutional funding, I created a Pain Resource Nurse Champion program designed to educate and simultaneously empower nurses. With knowledge, nurses were better able to convey concerns to physicians. The institution continued to fund the program and nurses implemented evidence-based quality improvement projects that enhanced patients' pain management experience and decreased length of hospital stay in certain populations.

During my interprofessional palliative care fellowship in 2007, I co-developed interprofessional palliative resource champion programs in two home care agencies in New York City. The education addressed appropriate identification and care for individuals with serious illness. During this time, I also became involved in interprofessional pain management education in national forums.

My current interest in pain management for those with substance use disorder and serious illness, began when I worked in palliative home care and chronic pain management at a public hospital (Bellevue) in New York City. In these settings, I witnessed patients with serious illness and substance use disorders being stigmatized and denied adequate pain management. In trying to address this issue, a first in the nursing world, a fellow nurse practitioner and I authored a manuscript about safe and effective

pain management for a particular individual with advanced cancer and substance use disorder. The manuscript (ultimately published in 2010) was rejected multiple times prior to publication, due to the perceived unimportance of this topic. It is now a topic of interest, and I have continued to publish articles addressing the topic in peer-reviewed nursing and medical journals.

I frequently speak locally, regionally and nationally in well attended forums to promote equitable care by presenting recorded short interviews of my patients highlighting their challenges with substance use, serious illness and pain. In the last 5 years, my educational presentations have reached greater than 2000 clinicians, and based on evaluations, have changed the practice of many of them. I also collaborated with junior faculty nationally to promote changes in clinical practice in palliative care for vulnerable individuals. Evidence of these changes are seen in the increase in palliative care physicians, also certified in addiction medicine, who are recognized as upcoming leaders in this field.

My interest in the intersection between opioid use disorder and serious illness has profoundly influenced my clinical, scholarly and program development activities. In 2017, I led the implementation of universal opioid risk screening for patients seen in the palliative care clinic, which resulted in the identification of about 20% of patients at high risk of opioid use disorder each year. This practice was initially not widely accepted, but is another example of providing safe, equitable care to marginalized populations. At the same time, I designed and piloted an outpatient program to provide longitudinal, whole-person, care for people with comorbid serious illness, pain and opioid use disorder that is now integrated into the palliative care service and is part of clinical mentorship for the five palliative care fellows (physicians, advance practice providers) each year. With funding from the American Cancer Society, I expanded my reach to conduct a prevalence study of risks for opioid misuse in a cancer population, which is a nascent area of study that may be replicated nationally and may change practice.

I serve as a consultant, educator, and mentor to faculty caring for people with serious illness and substance use disorder within Dartmouth Health, throughout the region and nationally. I initiated a weekly case conference within the Palliative Medicine section where faculty present challenging cases, involving pain or other symptoms to harvest ideas and wisdom from the interprofessional team. Regionally I have served as a core faculty member in several ECHO® (Extending Community Healthcare Outcome) programs focused on substance use disorders. These programs are designed to use faculty experts to build skills and mentor clinicians regionally and often have a national impact. Nationally, I have been an invited speaker for palliative care programs seeking to improve care for those with serious illness and substance use disorders.

I combined my passion for improving clinical care through interprofessional education with research. In 2017, with Burbank funding, I created and studied an interprofessional education program for the newly formed staff at the Jack Byrne Center for Hospice & Palliative Care. Nurses, nursing assistants, housekeepers, dietary aides and administrative staff participated together in a 12-session educational initiative, geared to improve care of patients at end of life, improve clinician morale and reduce turnover. Results demonstrated minimal turnover and improved morale, and the findings were presented at the

American Academy of Hospice and Palliative Medicine National Conference in 2019 and won the award for best scientific poster presentation.

In 2020, utilizing my years of experience in interprofessional education, I created the region's first Palliative ECHO® program which is in the fourth year, with new curriculum and speakers each year. As course director and facilitator, I was motivated to improve care of vulnerable patients in our region through interprofessional education based on this teach/teach- learn/learn model. I also utilized this program to mentor junior faculty (#8 each year) in the creation and delivery of didactic presentations and clinically relevant "just in time mentoring" to a regional interprofessional audience. The program I have created is the most well-attended ECHOs in the Dartmouth Health system with over 200 registrants and an average of 80 participants monthly from medicine, nursing, social work, chaplaincy, physical/occupational therapy and community members including volunteers. The program has been very highly rated; in year three, 50% of participants had attended the previous year ECHO program. This successful program has attracted more than \$100,000 in philanthropic support and attracts attendees from New York, Tennessee and Hawaii. In 2024, two junior faculty were first authors of a manuscript describing the program, published in a leading palliative care journal.

More recently when COVID19 forced a shift to telehealth visits in the outpatient palliative care section, results from a small survey study I conducted showed most of the patients' preference for telehealth given the cost and time for travel. As of 2024, greater than 85% of ambulatory palliative care clinic visits continue to be conducted via telehealth, which has increased the number of vulnerable patients being served. As of result of this shift in care, I am conducting a study with faculty and fellows on the educational experience of fellows through the telehealth platform, again a nascent area of study.

Throughout my career my primary "official" role has been as clinical nurse practitioner, with 80-100% FTE support to care for patients. As a clinician I have developed expertise in caring for patients with substance use disorder and serious illness and am nationally recognized for this expertise. By devoting time to scholarly activities, including developing high quality interprofessional education opportunities, and devoting time to mentoring trainees and junior faculty, I have been able not just to improve the care of my patients, but to increase awareness, knowledge, and skills among many other clinicians in ways that increase the likelihood that other vulnerable patients receive equitable, safe, and high-quality care. My work has served to promote interprofessional practice, and to enable others to engage in scholarly work. As I reflect on my career, I am proud to be seen as a fierce advocate for patients, for interprofessional team learning and practice, for scholarship, and to have served as a role model for nurse clinician scholars who wish to contribute to our academic missions.