Robert Knoerl PhD, RN

Dana Farber Cancer Institute 450 Brookline Ave. LW518 Boston, MA, 02215 734-536-9369 Robert Knoerl@DFCI.Harvard.edu

EDUCATION AND TRAINING

Postdoctoral Research Fellow, Harvard Medical School	2017 - 2019
Advisor: Donna Berry PhD, RN, AOCN®, FAAN	
Doctor of Philosophy in Nursing, University of Michigan	2014 - 2017
Advisor: Ellen Smith PhD, APRN, AOCN®, FAAN	
Dissertation: SONICS: Self-Guided Online Cognitive Behavioral Strategies for	
Chemotherapy-Induced Peripheral Neuropathy	
Bachelor of Science in Nursing, University of Michigan	2010 - 2014
CERTIFICATION AND LICENSURE	
State of Michigan RN Licensure # 4704306773	2014 - 2023
ACADEMIC, ADMINISTRATIVE, AND CLINICAL APPOINTMENTS	
Assistant Professor, University of Michigan School of Nursing	2021 – Present
Nurse Scientist, Dana-Farber Cancer Institute	2021 – Present
Assistant Research Scientist, University of Michigan School of Nursing	2021
Instructor in Medicine, Dana-Farber Cancer Institute	2019 – 2021
Postdoctoral Research Fellow, Dana-Farber Cancer Institute (PI: Donna Berry)	2017 – 2019
Predoctoral Fellow, University of Michigan (PI: Ellen Smith)	2014 – 2017
Laboratory Research Assistant, University of Michigan (PI: Janean Holden)	2011 – 2012
PUBLICATIONS	

Peer-Reviewed Scholarship

- 1. Azizoddin DR, **Knoerl R,** Adam R, Kessler D, Tulsky J, Edwards R, Enzinger AC. Cancer Pain Self-Management in the Context of a National Opioid Epidemic: Experiences of Patients with Advanced Cancer Using Opioids. *Cancer*. 2021. PMID: 33905550
- 2. **Knoerl R,** Phillips C, Berfield J, Woods H, Acosta, M Tanasijevic A, Ligibel J. Lessons Learned from the Delivery of Virtual Integrative Oncology Interventions in Clinical Practice and Research During the COVID-19 Pandemic. *Supportive Care in Cancer*. 2021 Mar 26:1–4. PMID: 33772364; PMCID: PMC7997525
- 3. **Knoerl R,** Mazzola E, Hong F, Salehi E, McCleary N, Ligibel J, Reyes K, Berry DL. Exploring the Impact of a Decision Support Algorithm to Improve Clinicians' Chemotherapy-Induced Peripheral

- Neuropathy Assessment and Management Practices: A Two-Phase, Longitudinal Study. *BMC Cancer*. 2021;21(1):236. PMID: 33676431
- 4. **Knoerl, R.** CE: Chemotherapy-Induced Peripheral Neuropathy. *American Journal of Nursing*. 2021 Mar 12. doi: 10.1097/01.NAJ.0000742060.56042.e7. PMID: 33735114
 - a. Continuing Education Feature Article
- 5. Kanzawa-Lee G, **Knoerl R**, Williams DA, Clauw DJ, Bridges C, Harte S, Kolarik E, Houghtby J, Lavoie Smith, EM. Childhood Trauma Predicts Cancer Treatment-Related Pain in Breast Cancer Survivors. *Cancer Nursing*. 2020 Jul/Aug;43(4):E207-E216. PMID: 30601264
- 6. Lee D, Kanzawa-Lee G, **Knoerl R**, Wyatt G, Smith E. Characterization of Internal Validity Threats to Phase III Clinical Trials for Chemotherapy-Induced Peripheral Neuropathy Management: A Systematic Review. *Asia-Pacific J Oncol Nurs*. 2019;6(4):318-332. PMID: 31572750. PMCID: PMC6696803
- 7. **Knoerl R,** Smith EML, Han A, Doe A, Scott K, Berry D. Characterizing Patient-Clinician Chemotherapy-Induced Peripheral Neuropathy Assessment and Management Communication Approaches. *Patient, Education, Counseling.* 2019;102(9):1636-1643. PMID: 31003878
- 8. **Knoerl R,** Hong F, Blonquist T, Berry D. Impact of Electronic Self-Assessment and Self-Care Technology on Adherence to Clinician Recommendations and Self-Management Activity for Cancer Treatment–Related Symptoms: Secondary Analysis of a Randomized Controlled Trial. *JMIR Cancer*. 2019;5(1):e11395. PMID: 30622093. PMCID: PMC6329427
- 9. **Knoerl R,** Weller E, Halpenny B, Berry D, Exploring the Efficacy of an Electronic Symptom Assessment and Self-Care Intervention to Preserve Physical Function in Individuals Receiving Neurotoxic Chemotherapy. *BMC Cancer*. 2018;18(1):1203. PMID: 30514351. PMCID: PMC6278100
 - a. Knoerl R, Weller E, Halpenny B, Berry D. Correction to: Exploring the Efficacy of an Electronic Symptom Assessment and Self-Care Intervention to Preserve Physical Function in Individuals Receiving Neurotoxic Chemotherapy. *BMC Cancer*. 2019;19(1):438. PMID: 31084600. PMCID: PMC6515614
- 10. **Knoerl R**, Bridges C, Lita Smith G, Yang JJ, & Kanzawa-Lee G, & Smith EML. Chemotherapy-Induced Peripheral Neuropathy: Use of an Electronic Oncology Care Planning System to Improve Adherence to Recommended Assessment and Management Practices. *Clinical Journal of Oncology Nursing*. 2018;22(5):E134-E140. PMID: 30239516
- 11. **Knoerl R,** Barton DL, Holden JE, Krauss J, LaVasseur E, & Smith EML. Potential Mediators of Improvement in Painful Chemotherapy-Induced Peripheral Neuropathy via a Web-based Cognitive Behavioral Intervention. *Can Oncol Nurs J / Rev Can soins Infirm en Oncol*. 2018;28(3):178-183. PMID: 31148833. PMCID: PMC6516921
- 12. Kanzawa-Lee G, Harte S, Bridges C, Clauw DJ, Williams DA, **Knoerl R,** Lavoie Smith, EM. Pressure Pain Phenotypes in Women Before Breast Cancer Treatment. *Oncol Nurs Forum*. 2018;45(4):483-495. PMID: 29947358

- 13. **Knoerl R**, Chornoby Z, Smith EML. Estimating the Frequency, Severity, and Clustering of SPADE Symptoms in Chronic Painful Chemotherapy-Induced Peripheral Neuropathy. *Pain Manag Nurs*. 2018; 19(4):354-365. PMID: 29503217
 - b. **Knoerl R,** Chornoby Z, Smith EML. Corrigendum to 'Estimating the Frequency, Severity, and Clustering of SPADE Symptoms in Chronic Painful Chemotherapy-Induced Peripheral Neuropathy' Pain Management Nursing 2018;19(4):354-365. *Pain Manag Nurs*. 2019;20(1):88. PMID: 30782391
- Smith EML, Knoerl R, Yang JJ, Kanzawa-Lee G, Lee D, Bridges CM. In Search of a Gold Standard Patient-Reported Outcome Measure for Use in Chemotherapy-Induced Peripheral Neuropathy Clinical Trials. *Cancer Control*. 2018;25(1):107327481875660. PMID: 29480026
- 15. **Knoerl R**, Smith EML, Barton DL, Williams D, Holden J, Krauss J, LaVasseur E. Self-Guided Online Cognitive Behavioral Strategies for Chemotherapy-Induced Peripheral Neuropathy: A Multicenter, Pilot, Randomized, Wait-List Controlled Trial. *Journal of Pain*. 2018;19(4):382-394. PMID 29229430
- 16. Knoerl R, Lee D, Yang J, Bridges C, Kanzawa-Lee G, Lita Smith G, Smith EM. Examining the Impact of a Web-Based Intervention to Promote Patient Activation in Chemotherapy-Induced Peripheral Neuropathy Assessment and Management. *Journal of Cancer Education*. 2018 Oct;33(5):1027-1035. PMID: 28265863
- 17. Lavoie Smith E, Haupt R, Kelly J, Lee-Ekblad D, Kanzawa G, **Knoerl R,** Bridges C, Alberti P, Donhoe C, Loprinzi C, Cavaletti G, Prasertsri N. The Content Validity of a Chemotherapy-Induced Peripheral Neuropathy Patient-Reported Outcome Measure. *Oncology Nursing Forum*. 2017;44(5):580-588. PMID: 28820525
- 18. **Knoerl R,** Gray E, Stricker C, Mitchell SA, Kippe K, Smith G, Dudley WN, Smith EM. Electronic Versus Paper-Pencil Methods for Assessing Chemotherapy-Induced Peripheral Neuropathy. *Supportive Care in Cancer*. 2017;25(11):3437-3446. PMID: 28577231
- 19. **Knoerl R,** Dudley WN, Smith G, Bridges C, Kanzawa-Lee G, Lavoie Smith EM. Pilot Testing a Web-Based System for the Assessment and Management of Chemotherapy-Induced Peripheral Neuropathy. *Computers, Informatics, Nursing*. 2017;35(4):201-211. PMID: 28002115
- 20. **Knoerl R,** Lavoie Smith EM, Weisberg J. Chronic Pain and Cognitive Behavioral Therapy. *Western Journal of Nursing Research.* 2016;38(5):596-628. PMID: 26604219

Non-Peer Reviewed Scientific Publications

- 1. **Knoerl R,** Gilchrist L, Kanzawa-Lee GA, Donohoe C, Bridges CM, Smith EML. Proactive Rehabilitation for Chemotherapy-Induced Peripheral Neuropathy. *Semin Oncol Nurs.* 2020. PMID: 31959510
- 2. Kanzawa-Lee GA, **Knoerl R**, Donohoe C, Bridges CM, Smith EML. Mechanisms, Predictors, and Challenges in Assessing and Managing Painful Chemotherapy-Induced Peripheral Neuropathy. *Semin Oncol Nurs*. 2019;35(3):253-260. PMID: 31053396
- 3. Smith EML, Bridges CM, Kanzawa G, **Knoerl R,** Kelly JP, Berezovsky A, Woo C. Cancer Treatment-Related Neuropathic Pain Syndromes—Epidemiology and Treatment: An Update. *Curr Pain Headache Rep.* 2014;18(11):459. PMID: 25239766

Educational Material for Patients and the Lay Community

- 1. **Knoerl R,** Kanzawa-Lee G, & Smith EM. Chemotherapy-Induced Peripheral Neuropathy: What are the Symptoms? And How Can I Manage this Common Side Effect of Chemotherapy? *Coping with Cancer, May/June 2019, pp. 15-16*
- 2. **Knoerl R,** Kanzawa G, & Smith EM. Chemotherapy-Induced Peripheral Neuropathy: Answering Your Questions About This Common Nerve Condition Caused by Chemotherapy Treatment. *Coping with Cancer*, *September/October 2015*, pp. 10

SELECTED ABSTRACTS AND PRESENTATIONS

Conference Abstracts – Oral Presentations

- **Knoerl, R.,** Woods, H., Berry, D.L., Frazier, L., LaCasce, L., Thornton, K., Buchbinder, E., Luskin, M.R., Blonquist, T., Ligibel. Mindfulness-Based Music Therapy for Adolescents and Young Adults Receiving Cancer Treatment: Preliminary Feasibility of Recruitment and Adherence [abstract]. In: Society for Integrative Oncology 16th International Conference; October 19 21, 2019; New York City, NY. Abstract #48.
- **Knoerl, R.** & Berry, D.L. Exploring the Efficacy of an Electronic Symptom Assessment and Self-Care Intervention to Improve Physical Function in Individuals Receiving Taxane and Platinum-Based Chemotherapy [abstract]. In: Oncology Nursing Society 43rd Annual Congress; May 17 20, 2018; Washington, D.C.
- **Knoerl, R.,** Lee, D., Yang, J., Bridges, C., Kanzawa-Lee, G., Lita Smith, G., & Lavoie Smith, E. M. Examining the impact of a web-based intervention to promote patient activation in chemotherapy-induced peripheral neuropathy assessment and management [abstract]. In: 2017 International Conference on Cancer Nursing; July 9 12, 2017; Anaheim, CA. Abstract#O-27
- **Knoerl, R.,** Lavoie Smith, E., Smith, G., Scheu, K., Bridges, C., Prasertsri, N., Phligbua., W, Kanzawa, G., Haupt, R., & Lee-Ekblad, D. (2016). Pilot testing a web-based system for assessment and management of chemotherapy-induced peripheral neuropathy [abstract]. In: 2016 Midwest Nursing Research Society Conference; March 17 20, 2016; Milwaukee, WI. Abstract#33

Conference Abstracts – Poster Presentations

- **Knoerl, R.,** Giobbie-Hurder, A., Berfield, J., Berry D., Meyerhardt, J.A., Wright, A.A., & Ligibel, J.A. Yoga for Chronic Painful Chemotherapy-Induced Peripheral Neuropathy (CIPN): A Pilot, Randomized Controlled Trial [abstract]. In MASCC/ISOO 2021 Annual Meeting; June 24 26, 2021 [Virtual].
- **Knoerl, R.,** Mazzola, E., McCleary, N., Salehi, E., Reyes, K., Ligibel, J., Hong, F., & Berry, D.L. Exploring the Impact of a Clinician-Decision Support Algorithm on Chemotherapy-Induced Peripheral Neuropathy Assessment and Management [abstract]. In 2020 Council for the Advancement of Nursing Science State of the Science Congress on Nursing Research Council for the Advancement of Nursing Science; September 17 18, 2020 [Virtual]; Washington D.C.
- **Knoerl, R.,** Blonquist, T., McCleary, N., Ligibel, J., Reyes, K., Hong, F., & Berry, D.L. Exploring Longitudinal Changes in the Severity, Location, and Characteristics of Chemotherapy-Induced Peripheral Neuropathy CIPN in Participants Receiving Neurotoxic Chemotherapy [abstract]. In Eastern Nursing Research Society 32nd Annual Scientific Sessions; March 26 27, 2020 [Virtual]; Boston, MA. Abstract #70.

- **Knoerl, R.,** Blonquist, T., McCleary, N., Ligibel, J., Reyes, K., Hong, F., & Berry, D.L. Characterizing Chemotherapy-Induced Peripheral Neuropathy Assessment and Management Documentation Patterns in Ambulatory Oncology Clinics [abstract]. In: MASCC/ISOO 2019 Annual Meeting; June 21 23, 2019; San Francisco, CA.
- **Knoerl, R.,** Lavoie Smith, E.M., Han, A., Doe, A., Scott, L., & Berry, D.L. Characterizing Patient-Clinician Chemotherapy-Induced Peripheral Neuropathy Assessment and Management Communication Approaches [abstract]. In: Oncology Nursing Society 44th Annual Congress; April 11 14, 2019; Anaheim, CA.
- **Knoerl, R.,** Smith, E.M., & Chornoby, Z. Estimating the Frequency, Severity, and Clustering of SPADE Symptoms in Chronic Painful Chemotherapy-Induced Peripheral Neuropathy [abstract]. In: American Pain Society Annual Scientific Summit; March 4 6, 2018; Anaheim, CA. Abstract#320.
- **Knoerl, R.** & Lavoie Smith, E. Chronic Pain and Cognitive Behavioral Therapy: A Literature Review & Directions for Future Research [abstract]. In: 2015 Midwest Nursing Research Society Conference; April 16-19, 2015; Indianapolis, IN. Abstract #152.
- **Knoerl, R.** & Holden, J. Sex Differences in the LH-induced Descending Noradrenergic System in Neuropathic Pain [abstract]. In: 2014 Midwest Nursing Research Society Conference; March 27-30, 2014; St. Louis, MO. Abstract#1-95

Conference Abstracts – Published Only

Knoerl, R., Yang, J., Barton, D., Williams, D., Holden, J., Krauss, J., Bridges, C., Lavoie Smith, E. Self-guided online cognitive behavioral strategies for chemotherapy-induced peripheral neuropathy: A multicenter, single blind, randomized, wait-list controlled trial [abstract]. In: Proceedings of the 2017 American Society of Clinical Oncology; June 2 – 6, 2017; Chicago IL, Abstract#e21710

Invited Presentations - Local

- "Feasibility of Implementing a Mindfulness-Based Music Therapy Intervention for Adolescents and Young Adults During Chemotherapy." Monday Pediatric Oncology Conference, Dana-Farber Cancer Institute, Boston, MA, May 17, 2021.
- "1227 Days Since Dissertation Defense: Early Career Integrative Oncology Research." Psychosocial Oncology and Palliative Care Data Blitz, Dana-Farber Cancer Institute, Boston, MA, August 26, 2020.
- "Music Therapy and Yoga for Cancer Treatment-related Symptom Management." Leonard P. Zakim Center Presentation for Poussaint Pre-Matriculation Scholars Program, Dana-Farber Cancer Institute, Boston, MA, July 15, 2019.
- "SONICS: Self-Guided Online Cognitive Behavioral Strategies for Chemotherapy-Induced Peripheral Neuropathy." Nursing and Patient Care Services Scholarship Day, Dana-Farber Cancer Institute (part of 1.0 Nursing contact hours), Boston, MA. March 26, 2019.
- "Integrating Music into Cancer Care: Research and Clinical Perspectives." The Department of Nursing and Patient Care Services Professional Development Series, Dana-Farber Cancer Institute Professional Development Series (1.0 Nursing contact hours), Boston, MA. March 8, 2019.
- "Young Professionals Continuing Education Panel." Dana-Farber Cancer Institute, Boston, MA. October 17, 2018.

- "CURE (Continuing Umbrella of Research Experience) Career Panel." Dana-Farber Cancer Institute, Boston, MA. June 11, 2018.
- "Exploring the Feasibility of a Mindfulness-Music Intervention to Reduce Anxiety and Stress in Adolescents and Young Adults Receiving Cancer Treatment," Dana-Farber Cancer Institute Evidence-Based Practice and Innovations Committee Meeting, Boston, MA. June 28, 2018.
- "Characteristics of Successful Mentor and Mentee Relationships," University of Michigan School of Nursing Honors Program, Ann Arbor, MI. October 2, 2015.

Invited Presentations - National

- "Walking on Hot Coals: Identifying and Managing Chemotherapy-Induced Peripheral Neuropathy from Diagnosis to Survivorship." Oncology Nursing Society 45th Annual Congress, San Antonio, TX, May 2, 2020 [In-person presentation cancelled due to COVID-19, replaced by Virtual Oncology Nursing Society Bridge Conference, September 2020].
- "1010 Days Since Dissertation Defense: Early Career Integrative Oncology Research and Lessons Learned." University of Michigan School of Nursing, Ann Arbor, MI, January 23, 2020.
- "SONICS: Self-Guided Online Cognitive Behavioral Strategies for Chemotherapy-Induced Peripheral Neuropathy," 2017 Hillman Scholars Program in Nursing Innovation Conference, New Orleans, LA. June 22, 2017.
- "SONICS: Self-Guided Online Cognitive Behavioral Strategies for Chemotherapy-Induced Peripheral Neuropathy," Vanderbilt University School of Nursing, Nashville, TN. January 17, 2017.

Invited Presentations – International

- "On Pins and Needles! Vincristine Induced Peripheral Neuropathy (VIPN) and Pain in Children with Acute Lymphoblastic Leukemia," 2016 Pediatric Oncology Group of Ontario Multi-Disciplinary Symposium on Childhood Cancer, Toronto Ontario, Canada. November 5, 2016
 - a. Presented on behalf of Ellen Smith PhD, APRN, AOCN®, FAAN
- "SONICS: Self-Guided Online Cognitive Behavioral Strategies for Chemotherapy-Induced Peripheral Neuropathy," University of São Paulo at Ribeirão Preto College of Nursing, Ribeirão Preto São Paulo, Brazil. May 11, 2016.

Social Media

- "Juggling Your Professional Life During Covid-19," Society of Behavioral Medicine Twitter Chat. May 6, 2020
- "Opioids and the Management of Cancer Pain," Society of Behavioral Medicine Twitter Chat. November 18, 2020

GRANTS

National Institute of Nursing Research (1K23NR018689-01A1)

2020

Title: Determining Mechanisms and Measures for the Design of Chemotherapy-Induced Peripheral Neuropathy Clinical Trials in Adolescents and Young Adults with Cancer

Role: PI, Amount: \$340,635

Oncology Nursing Foundation

2019

Title: Yoga for Painful Chemotherapy-Induced Peripheral Neuropathy: A Pilot, Randomized-Controlled

Trial

Role: PI, Amount: \$25,000

Rita and Alex Hillman Foundation: Hillman Alumni Advancing Early Research Opportunities 2019
Title: Identifying Modifiable Clinical Trial Factors to Increase Participation in Chemotherapy-Induced
Peripheral Neuropathy Prevention Clinical Trials: A Choice-Based Conjoint Analysis

Role: PI, Amount: \$5,000

Mittelman Integrative Oncology Family Fund

2018

Title: Evaluating a Clinician Support Algorithm to Enhance the Implementation of Evidence-Based Chemotherapy-Induced Peripheral Neuropathy Assessment and Management Recommendations

Role: PI, Amount: \$155,330

Rackham Graduate Student Research Grant, University of Michigan

2015

Title: SONICS: Self-Guided Online Cognitive Behavioral Strategies for Chemotherapy-Induced

Peripheral Neuropathy Role: PI, Amount: \$3,000

HONORS AND AWARDS

The Excellence in Dissemination Award: Peer-Reviewed Abstract – Educator/Leader,	2021
Dana-Farber Cancer Institute Department of Nursing and Patient Care Services	
The Excellence in Dissemination Award: Peer-Reviewed Publication – Educator/Leader,	2021
Dana-Farber Cancer Institute Department of Nursing and Patient Care Services	
Victoria Mock New Investigator Award, Oncology Nursing Society	2020
The Excellence in Dissemination Award: Peer-Reviewed Publication – Educator/Leader,	2019
Dana-Farber Cancer Institute Department of Nursing and Patient Care Services	
Oncology Nurse Scientist Intensive Fellow, Oncology Nursing Foundation	2019
Workshop on Methods in Supportive Oncology Research, Massachusetts General Hospital	2019
IMPACT Program Fellow, Massachusetts Institute of Technology	2018
Hillman Scholarship in Nursing Innovation , Rita and Alex Hillman Foundation	013 - 2017
School of Nursing New Research Investigator Award, University of Michigan	2016
Dean's List , University of Michigan	010 - 2014
School of Nursing Honor's Program, University of Michigan	011 –2014
Undergraduate Scholarship Award, Midwest Nursing Research Society	2014
James B. Angell Scholar, University of Michigan	013 –2014
University Honors, University of Michigan 2	010 –2012
William J. Branstrom Freshman Prize, University of Michigan	2011

MEMBERSHIPS IN PROFESSIONAL SOCIETIES

Oncology Nursing Society

Multinational Association of Supportive Care in Cancer

PEER-REVIEW SERVICE

Journals

Asia-Pacific Journal of Oncology Nursing European Journal of Cancer Care European Journal of Oncology Nursing Frontiers Pharmacology Journal of Behavioral Medicine

Journal of Cancer Survivorship

Journal of Medical Internet Research

Journal of Medical Internet Research Formative Reviews

Journal of Pain Research

Journal of Pain and Symptom Management

Journal of Psychosocial Oncology

Psycho-Oncology

Scientific Reports – Nature

Supportive Care in Cancer

Technology in Cancer Research and Treatment

The Oncologist

Grants

Children's Cancer and Leukaemia Group (2020)

Oncology Nursing Foundation (2021)

Conference Abstracts

33rd Annual Eastern Nursing Research Society Scientific Sessions 2021 NCI/NINR/ONS Symptom Science Advances in Oncology Nursing

TEACHING AND TRAINING RESPONSIBILITIES

Coach/Instructor, Dana-Farber Cancer Institute/University of Massachusetts at Boston

2019

Training Program: Summer Program to Advance Research Careers (SPARC)

Responsibilities: Coached undergraduate students about how they can convey the impact of complex research topics to general science audiences (~8 hours over one month).

Mentor, Dana-Farber Cancer Institute

2019

Training Program: Continuing Umbrella of Research Experiences Program

Responsibilities: Mentored high school student in clinical research training and human subject protection. Mentee developed an abstract and poster based upon my ongoing research work.

Graduate Student Instructor, University of Michigan

2017

Course: NURS 395 - Honors Seminar

Responsibilities: Led group discussions about research design/methods in weekly 2 hour seminars for a section of 12 undergraduates. Met with students outside of class to review class presentations.

STUDENTS MENTORED

Ms. Belinda Li, Boston University Medical School	2020
- Role: Informal research mentor	
Ms. Shafaa Petit-Frere, Continuing Umbrella of Research Experiences Program (High School	ol) 2019
- Role: Summer research program mentor	
Ms. Allison Doe, School of Nursing and Health Science FNP Program, Simmons College	2018
- Role: Research practicum mentor	
- Accomplishments: Co-authored peer-reviewed publication	
Ms. Katelyn Scott, School of Nursing and Health Science FNP Program, Simmons College	2018
- Role: Research practicum mentor	
- Accomplishments: Co-authored peer-reviewed publication	
Mr. Zach Chornoby, School of Nursing BSN Honors Program, University of Michigan	2017-2018

- Honors program research project mentor

Accomplishments: Co-authored peer-reviewed publication; poster presentation at local conference; won "Undergraduate Honors Program Best Project"
 Ms. Kelsey Kippe, School of Nursing BSN Honors Program, University of Michigan
 Co-honors program research project mentor (Co-mentor: Ellen Smith)
 Accomplishments: Co-authored peer-reviewed publication; poster presentation at

LEADERSHIP AND ORGANIZATIONAL SERVICE

University of Michigan Dean's Research Day

Phyllis F. Cantor Center for Nursing and Research in Patient Care Services Advisory Board, Dana-Farber Cancer Institute	2020 – 2021
Spiritual Care Advisory Committee, Dana-Farber Cancer Institute	2019 – 2021