

Robert Knoerl PhD, RN  
University of Michigan School of Nursing  
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## EDUCATION AND TRAINING

09/2010 – 05/2014 Bachelor of Science in Nursing, University of Michigan, Ann Arbor, Michigan  
09/2014 – 05/2017 Doctor of Philosophy in Nursing, University of Michigan, Ann Arbor, Michigan  
08/2017 – 07/2019 Postdoctoral Research Fellow, Harvard Medical School

## CERTIFICATION AND LICENSURE

Registered Nurse, Michigan Board of Nursing, License 4704306773, 2014 – 2025

## ACADEMIC, ADMINISTRATIVE, AND CLINICAL APPOINTMENTS

08/2017 – 07/2019 Postdoctoral Research Fellow, Dana-Farber Cancer Institute, Boston, MA  
08/2019 – 06/2021 Instructor in Medicine, Dana-Farber Cancer Institute, Boston, MA  
07/21 – 08/29/21 Assistant Research Scientist, University of Michigan School of Nursing, Ann Arbor, MI  
07/21 – present Nurse Scientist, Dana-Farber Cancer Institute, Boston, MA  
08/30/21 – present Assistant Professor, University of Michigan School of Nursing, Ann Arbor, MI  
09/01/24 – 5/31/2028 Suzanne Bellinger Feetham Professor Nursing, University of Michigan School of Nursing, Ann Arbor, MI

## RESEARCH INTERESTS

My program of research aims to identify and develop integrative oncology approaches to improve the assessment and management of cancer treatment-related toxicities.

### Doctoral Dissertation

**Knoerl, Robert.** (2017). SONICS: Self-Guided Online Cognitive Behavioral Strategies for Chemotherapy-Induced Peripheral Neuropathy: A Multi-center, Randomized, Wait-List Controlled Trial. <https://hdl.handle.net/2027.42/138519>. *Advisor:* Ellen Smith PhD, APRN, AOCN®, FAAN

## GRANTS

No Number (PI - Knoerl) Rackham Graduate Student Research Grant SONICS: Self-Guided Online Cognitive Behavioral Strategies for Chemotherapy-Induced Peripheral Neuropathy	2015 – 2017 \$3,000	No funded effort
No Number (PI - Knoerl) Mittelman Integrative Oncology Family Fund Evaluating a Clinician Support Algorithm to Enhance the Implementation of Evidence-Based Chemotherapy-Induced Peripheral Neuropathy Assessment and Management Recommendations	2018 - 2020 \$155,330	No funded effort
No Number (PI - Knoerl) Oncology Nursing Foundation Yoga for Painful Chemotherapy-Induced Peripheral Neuropathy: A Pilot, Randomized-Controlled Trial	2019 – 2021 \$25,000	No funded effort

No Number (PI - Knoerl) Rita and Alex Hillman Foundation Identifying Modifiable Clinical Trial Factors to Increase Participation in Chemotherapy-Induced Peripheral Neuropathy Prevention Clinical Trials: A Choice-Based Conjoint Analysis	2019 – 2022 \$5,000	No funded effort
1K23NR018689-01A1 (PI - Knoerl) National Institute of Nursing Research Determining Mechanisms and Measures for the Design of Chemotherapy-Induced Peripheral Neuropathy Clinical Trials in Adolescents and Young Adults with Cancer	05/01/2020 - 04/30/2023 \$340,635	9.0 calendar
No Number (PI - Knoerl) University of Michigan Functional Magnetic Resonance Imaging Laboratory Exploring Neurobiological Mechanisms of Anxiety Among Adolescent and Young Adult Cancer Survivors	2022 – 2023 \$12,240	No funded effort
No Number (PI - Ligibel) Comprehensive and Integrative Medicine Institute Preventing Chemotherapy-Induced Peripheral Neuropathy with Acupuncture, A Multinational Study Role: Consultant	2022 – 2023 \$82,115	No funded effort
No Number (PI) Rogel Cancer Center Clinical Research Early Investigator Award FY2024 Oncology Symptom Management: Measurement, Mechanisms, and Management	2023 – 2024 \$75,000	5.04 calendar
No Number (PI) Rogel Cancer Center Clinical Research Early Investigator Award FY2025 Oncology Symptom Science: Measurement, Mechanisms, and Management	2024 – 2025 \$25,000	1.62 calendar
No Number (PI - Wytiaz) 2024 Conquer Cancer – Anna Braglia Endowed Young Investigator Award in Cancer Supportive Care Determining the Feasibility of Expressive Writing for Body Image Distress and Anxiety Among Adolescent and Young Adult Cancer Survivors Role: Mentor	2024 – 2025 \$50,000	No funded effort
No Number (PI - Knoerl) Rogel Cancer Center Discovery Award A Pilot Study of Self-Administered Acupressure for Fatigue Among Adolescent and Young Adult (AYA) Cancer Survivors	2024 – 2025 \$75,000	No funded effort
No Number (PI - Leonarczyk) Friends of Dana-Farber Cancer Institute Evaluating the Use of Limb Cryocompression to Reduce Taxane-Induced Peripheral Neuropathy Role: Co-I	2024 – 2026 \$38,000	No funded effort
1R34CA286712-01A1 (PI - Knoerl) National Institute of Nursing Research	09/16/2024 - 08/31/2027 \$882,113	2.25 calendar

Determining the Feasibility of Virtual Tailored, Music-Based Relaxation for Anxiety Among Adolescent and Young Adult Cancer Survivors.

## **HONORS, AWARDS, AND COMPETITIVE SCHOLARSHIPS/TRAININGS**

### **Honors and Awards**

- 2016 University of Michigan School of Nursing New Research Investigator Award
- 2020 Victoria Mock New Investigator Award, Oncology Nursing Society
- 2020 The Excellence in Dissemination Award: Peer-Reviewed Publication – Educator/Leader, Dana-Farber Cancer Institute
- 2021 The Excellence in Dissemination Award: Peer-Reviewed Publication – Educator/Leader, Dana-Farber Cancer Institute Department of Nursing and Patient Care Services
- 2021 The Excellence in Dissemination Award: Peer-Reviewed Abstract – Educator/Leader, Dana-Farber Cancer Institute Department of Nursing and Patient Care Services

### **Selected for Scholarship or Training via Competitive Application Submission Process**

- 2013-2017 Hillman Scholarship in Nursing Innovation, Rita and Alex Hillman Foundation
- 2018 IMPACT Program Fellow, Massachusetts Institute of Technology
- 2019 R25 Workshop on Methods in Supportive Oncology Research, Massachusetts General Hospital
- 2019 Oncology Nurse Scientist Intensive Fellow, Oncology Nursing Foundation
- 2022 New Investigator Forum Fellow, Society of Integrative Oncology 19<sup>th</sup> International Conference

## **MEMBERSHIPS IN PROFESSIONAL SOCIETIES**

- 2015-present Oncology Nursing Society
- 2019-present Multinational Association of Supportive Care in Cancer

## **EDITORIAL POSITIONS, BOARD SERVICE, AND PEER-REVIEW SERVICE**

### **Editorial Positions**

Oncology Nursing Forum, Associate Editor, 2022 – 2025

### **Board Service**

- Phyllis F. Cantor Center for Nursing and Research in Patient Care Services Advisory Board, Dana-Farber Cancer Institute, 2020 – present
- Rogel Cancer Center Emerging Leaders Council, Elected Board Member, 2022 – 2025
- Asia Pacific Journal of Oncology Nursing, Editorial Board Member, 2023 – Present

### **Peer Review Service**

- Annals of Medicine, Manuscript Reviewer, 2023
- Annals of Palliative Medicine, Manuscript Reviewer, 2022
- Applied Psychophysiology and Biofeedback, Manuscript Reviewer, 2023
- Asia-Pacific Journal of Oncology Nursing, Manuscript Reviewer, 2021 – 2024
- BMC Cancer, Manuscript Reviewer, 2023
- BMC Women's Health, Manuscript Reviewer, 2024
- Cancer, Manuscript Reviewer, 2023 – 2024
- Cancers, Manuscript Reviewer, 2024
- Cancer Nursing, Manuscript Reviewer, 2021 – 2024
- Computer Informatics Nursing, Manuscript Reviewer, 2022 – 2023
- Contemporary Clinical Trials, Manuscript Reviewer, 2024
- European Journal of Cancer Care, Manuscript Reviewer, 2021
- European Journal of Neurology, Manuscript Reviewer, 2024
- European Journal of Oncology Nursing, Manuscript Reviewer, 2024

Frontiers in Pharmacology, Manuscript Reviewer, 2021  
 Global Advances in Integrative Medicine and Health, Manuscript Reviewer 2024  
 Integrative Cancer Therapies, Manuscript Reviewer, 2022  
 International Journal of Neuroscience, Manuscript Reviewer, 2024  
 Journal of Advanced Nursing, Manuscript Reviewer, 2022  
 Journal of Cancer Education, Manuscript Reviewer, 2023  
 Journal of Cancer Survivorship, Manuscript Reviewer, 2022  
 Journal of Clinical Oncology (JCO) – Global Oncology, Manuscript Reviewer, 2024  
 Journal of the National Cancer Institute, Manuscript Reviewer, 2022-2023  
 Journal of Medical Internet Research (JMIR), Manuscript Reviewer, 2023  
 JMIR Formative Research, Manuscript Reviewer, 2024  
 JMIR Research Protocols, Manuscript Reviewer, 2023  
 Journal of Pain and Symptom Management, Manuscript Reviewer, 2021 – 2024  
 Journal of Pain Research, Manuscript Reviewer, 2023  
 Journal of Psychosocial Oncology, Manuscript Reviewer, 2021, 2023-2024  
 Mindfulness, Manuscript Reviewer, 2023  
 Oncology Nursing Forum, Manuscript Reviewer, 2021 – 2022, 2024  
 Pain Management Nursing, Manuscript Reviewer, 2024  
 Patient, Education, and Counseling, Manuscript Reviewer, 2023  
 Pediatric Blood & Cancer, Manuscript Reviewer, 2023  
 Psycho-Oncology, Manuscript Reviewer, 2021 – 2022, 2024  
 Research in Nursing & Health, Manuscript Reviewer, 2023  
 Seminars in Oncology Nursing, Manuscript Reviewer, 2023 – 2024  
 Supportive Care in Cancer, Manuscript Reviewer, 2021 – 2024  
 The Breast, Manuscript Reviewer, 2024  
 The Oncologist, Manuscript Reviewer, 2024  
 Western Journal of Nursing Research, Manuscript Reviewer, 2023

## **SCIENTIFIC REVIEW SERVICE**

2020 Children’s Cancer and Leukaemia Group, Grant Reviewer  
 2021 33<sup>rd</sup> Annual Eastern Nursing Research Society Scientific Sessions, Abstract Reviewer  
 2021 Oncology Nursing Foundation RE03, Grant Reviewer  
 2021 NCI/NINR/ONS Symptom Science Advances in Oncology Nursing, Abstract Reviewer  
 2022 NCI Program Project (P01) Review Meeting - ZCA1 SRB-F (J1) P - FOA: PAR20-077, Grant Reviewer  
 2022 Mittelman Integrative Therapies Post-Doctoral Fellowship, Dana-Farber Cancer Institute, External Reviewer  
 2023 48<sup>th</sup> Annual Oncology Nursing Society Congress, Abstract Reviewer and Victoria Mock New Investigator Award Reviewer  
 2023 Multinational Association of Supportive Care in Cancer/ISOO Annual Conference, Abstract Reviewer  
 2023 Patient-Centered Outcomes Research Institute, Cycle 1, Clinical Effectiveness Research Emerging Innovation Merit Review; Grant Reviewer  
 2023 49<sup>th</sup> Annual Oncology Nursing Society Congress, Abstract Reviewer and Victoria Mock New Investigator Award Reviewer  
 2024 Multinational Association of Supportive Care in Cancer/ISOO Annual Conference, Abstract Reviewer  
 2024 Swiss National Science Foundation, Grant Reviewer  
 2024 Dutch Cancer Society (KWF Kankerbestrijding), Grant Reviewer  
 2024 Queensland University of Technology External PhD Thesis Examination, “Symptom Management for Chemotherapy-Induced Peripheral Neuropathy (Thea Ogle)

2024 NCI Cancer Prevention and Control Clinical Trials Planning (R34) Review Meeting – 2024/10  
ZCA1 TCRB-5 (01) R - FOA: PAR-22-173 & PAR-22-174, Grant Reviewer

## TEACHING

### University of Michigan School of Nursing, Ann Arbor, MI

2022 NUR234: Introduction to Clinical Practice (018) (2 credits, lab)  
 2023 NUR234: Introduction to Clinical Practice (018) (2 credits, lab)  
 2023 NUR234: Introduction to Clinical Practice (026) (2 credits, lab)  
 2023 NUR803: Responsible Conduct of Research and Scholarship (1 credit, lecture)  
 2024 NUR495-303: Honors Project (2 credits, independent study)

### Guest Lectures

2022 NUR856: Research and Professional Development Seminar 1. “Oncology Symptom Management Interventions.” University of Michigan School of Nursing. Ann Arbor, MI, October, 4, 2022.  
 2023 NUR856: Research and Professional Development Seminar 1. “Oncology Symptom Management Interventions.” University of Michigan School of Nursing. Ann Arbor, MI, September, 19, 2023.

### Teaching: Advising or other formal role for Honor’s Projects at the University of Michigan

Trainee Name	Time Period	Your Role: Title of Project/Papers
Kelsey Kippe	2016	Honors thesis co-advisor, “Electronic Versus Paper-Pencil Methods for Assessing Chemotherapy-Induced Peripheral Neuropathy” ( <i>Supportive Care in Cancer</i> , PMID: 28577231)
Zach Chornoby	2018 – 2018	Honors thesis co-advisor, “Estimating the Frequency, Severity, and Clustering of SPADE Symptoms in Chronic Painful Chemotherapy-Induced Peripheral Neuropathy” ( <i>Pain Management Nursing</i> , PMID: 29503217)
Emily Doll	2022 – 2024	Honors thesis advisor, “Exploring Adolescent and Young Adult Cancer Survivors’ Experience with Cancer Treatment-Related Symptoms: A Qualitative Analysis of Semi-Structured Interviews” ( <i>Journal of Adolescent and Young Adult Oncology</i> , In-Press)

### Teaching: Advising or other informal role for students, postdoctoral fellows, or clinical colleagues

Trainee Name	Time Period	Your Role: Title of Project/Papers
Katelyn Scott Simmons College School of Nursing and Health Science FNP Program	2018	Research practicum mentor: “Characterizing Patient-Clinician Chemotherapy-Induced Peripheral Neuropathy Assessment and Management Communication Approaches” ( <i>Patient, Education, Counseling</i> , PMID: 31003878)
Allison Doe	2018	Research practicum mentor: “Characterizing Patient-Clinician Chemotherapy-Induced Peripheral Neuropathy Assessment and Management Communication

Simmons College School of Nursing and Health Science FNP Program		Approaches” ( <i>Patient, Education, Counseling</i> , PMID: 31003878)
Shafaa Petit-Frere Continuing Umbrella Research Experiences Program (High School)	2019	Summer research program mentor: Poster: “Exploring Longitudinal Changes in the Severity, Location, and Characteristics of Chemotherapy-Induced Peripheral Neuropathy in Participants Receiving Neurotoxic Chemotherapy”
Belinda Li Boston University Medical School	2020	Informal research mentor: “Feasibility of Mindfulness-Music Therapy for Adolescents and Young Adults with Cancer” ( <i>Journal of Pain and Symptom Management</i> , PMID: 34896280)
Carolyn Phillips Postdoctoral Fellow, Dana-Farber Cancer Institute	2021 – 2022	Informal research mentor: “Exploring Young Adults’ Perspectives of Participation in a Mindfulness-Based Music Therapy Intervention Prior to And During the COVID-19 Pandemic” ( <i>Journal of Adolescent and Young Adult Oncology</i> , PMID: 36752714)
Victoria Wytiaz, MD, Hematology/Oncology Fellow, University of Michigan	2023 - 2024	Mentor for funded grant submission: “Determining the Feasibility of Expressive Writing for Body Image Distress and Anxiety Among Adolescent and Young Adult Cancer Survivors” ( <i>2024 Conquer Cancer - Anna Braglia Endowed Young Investigator Award in Cancer Supportive Care</i> )
Grace Kanzawa-Lee, Clinical Assistant Professor, University of Michigan	2023 – 2024	Informal research mentor: “Oncology Clinicians’ Chemotherapy-Induced Peripheral Neuropathy Perceptions.” Manuscript under review in <i>Seminars in Oncology Nursing</i> .
Karly Miller, BS	2024 –	A member of the mentoring committee for her Master’s Thesis at the School of Public Health.

## COMMITTEE, ORGANIZATIONAL, AND VOLUNTEER SERVICE

### Institutional

2021 - present	Health Behavior and Biological Sciences Advisory Committee, School of Nursing
2021, 23 – 24	Associate Dean for Research Working Group, School of Nursing
12/19/2021	Faculty Marshall for Winter Commencement
05/20/2022	Faculty Marshall for Honors Convocation
2022 & 2023	UMSN Honor’s Program, Application Reviewer
2022	Rogel Cancer Center Graduate Student Scholarship, Application Reviewer
2022 – 2024	Alumni Awards Committee
2023 & 2024	UMSN Honor’s Program, Outstanding Scholarly Paper Reviewer

### International

2022 – present	Co-Chair, Multinational Association of Supportive Care in Cancer Neurological Complications Study Group – Chemotherapy-Induced Peripheral Neuropathy Subgroup
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### Volunteer Service

2022 – 2024	Spiritus Sanctus Academy – Ann Arbor, Basketball Coach
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## CONSULTING POSITIONS

2021-2023     Consultant, Wellium, Paris, France

## VISITING PROFESSORSHIPS, SEMINARS, AND EXTRAMURAL INVITED PRESENTATIONS

### Extramural Invited Presentations

- 05/11/2016     “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.
- 11/05/2016     “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. *Presented on behalf of Ellen Smith, PhD, APRN, AOCN®, FAAN*
- 01/17/2017     “SONICS: Self-Guided Online Cognitive Behavioral Strategies for Chemotherapy-Induced Peripheral Neuropathy,” Vanderbilt School of Nursing, Nashville, TN.
- 06/22/2017     “SONICS: Self-Guided Online Cognitive Behavioral Strategies for Chemotherapy-Induced Peripheral Neuropathy,” 2017 Hillman Scholars Program in Nursing Innovation Conference, New Orleans, LA.
- 05/02/2020     “Walking on Hot Coals: Identifying and Managing Chemotherapy-Induced Peripheral Neuropathy from Diagnosis to Survivorship.” Oncology Nursing Society 45<sup>th</sup> Annual Congress [Virtual].
- 04/30/2022     “ONS Distinguished Researchers and Victoria Mock New Investigators: A Panel Discussion.” Oncology Nursing Society 47<sup>th</sup> Annual Congress, Anaheim, CA
- 05/02/2022     “Challenges to Implementing Recommended Chemotherapy-Induced Peripheral Neuropathy Assessment and Management Strategies into Clinical Practice.” Multinational Association of Supportive Care in Cancer Neurological Complications Quarterly Meeting [Virtual].
- 05/05/2022     “Using Patient-Reported Outcomes to Guide Chemotherapy-Induced Peripheral Neuropathy Identification and Management in Practice.” The 6<sup>th</sup> Annual Mass General Brigham Patient-Reported Outcome Measures (PROMs) Summit - Propelling Equity Through PROMs [Virtual].
- 11/29/2022     “Chemotherapy-Induced Peripheral Neurotoxicity and Non-Pharmacological Interventions: What the Data Teach Us.” Multinational Association of Supportive Care in Cancer Webinar, “Pre-Clinical and Clinical Perspectives of Physical Exercise for the Prevention and Treatment of Chemotherapy-Induced Peripheral Neurotoxicity (Session Chairs: Robert Knoerl and Andreas Argyriou) [Virtual]
- 03/28/2023     “There and Back Again: Oncology Symptom Science Across Two Institutions.” Phyllis F. Cantor Center for Research in Nursing and Patient Care Services, Dana-Farber Cancer Institute, Boston, MA.
- 4/11/2023     “Chemotherapy-Induced Peripheral Neuropathy: Answering Your Questions About this Common Side Effect of Chemotherapy.” Cancer Support Community East Tennessee, Knoxville, TN [Virtual].
- 3/15/2024     “Challenges to Implementing Recommended Chemotherapy-Induced Peripheral Neuropathy Assessment and Management Strategies into Clinical Practice. National Cancer Institute Center for Cancer Research Grand Rounds [Virtual].

### Intramural Invited Presentations

- 10/2/2015     “Characteristics of Successful Mentor and Mentee Relationships,” University of Michigan School of Nursing Honors Program, Ann Arbor, MI.

06/28/2018	“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.
06/11/2018	“CURE (Continuing Umbrella of Research Experience) Career Panel.” Dana-Farber Cancer Institute, Boston, MA.
10/17/2018	“Young Professionals Continuing Education Panel.” Dana-Farber Cancer Institute, Boston, MA.
03/08/2019	“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.
05/26/2019	“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.
07/15/2019	“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.
08/26/2020	“1227 Days Since Dissertation Defense: Early Career Integrative Oncology Research.” Psychosocial Oncology and Palliative Care Data Blitz, Dana-Farber Cancer Institute, Boston, MA [Virtual].
03/02/2021	“Integrative Medicine for Oncology Symptom Management.” Harvard Medical School Research Fellowship in Integrative Medicine Research Conference [Virtual].
05/17/2021	“Feasibility of Implementing a Mindfulness-Based Music Therapy Intervention for Adolescents and Young Adults During Chemotherapy.” Monday Pediatric Oncology Conference, Dana-Farber Cancer Institute [Virtual].
09/08/2021	“Exploring the Feasibility of Implementing a Mindfulness-Based Music Therapy Intervention for Adolescents and Young Adults During Cancer Treatment.” Integrative Medicine Case Conference, University of Michigan Integrative Family Medicine Program [Virtual].
10/06/2021	“Am I Doing This Right? Lessons Learned from an Early Career Nurse Scientist.” University of Michigan School of Nursing PhD Peer Seminar.
03/11/2023	“ <i>One Day Closer</i> Career Panel.” Michigan Medicine Rogel Cancer Center. Ann Arbor, MI.

## BIBLIOGRAPHY

### Peer-Reviewed Journals and Publications

\* data-based publication, <sup>s</sup> Senior Author, student co-authors underlined

1. **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
2. \***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
3. \***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
4. \*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



5. \***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
6. \***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
7. \*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
8. \***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
  - a. \***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
9. \*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
10. \***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
11. \***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
12. \***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
13. \***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
14. \***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
15. 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
16. \*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;43(4):E207-E216. PMID: 30601264
17. **Knoerl, R**. CE: Chemotherapy-Induced Peripheral Neuropathy. *American Journal of Nursing*. 2021;121(4):26-30. PMID: 33735114

18. \***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
19. **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;29(8):4191-4194. PMID: 33772364; PMCID: PMC7997525
20. \*Azizoddin DR, **Knoerl R**, Adam R, Kessler D, Tulsy 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;127(17):3239-3245. PMID: 33905550
21. \***Knoerl R**, Mazzola E, Mitchell SA, Hong F, Salehi E, McCleary N, Ligibel J, Reyes K, Berry DL. Measurement Properties of Brief Neuropathy Screening Items in Cancer Patients Receiving Taxanes, Platinums, or Proteasome Inhibitors. *J Patient-Reported Outcomes*. 2021;5(1):101. PMID: 34568984
22. \***Knoerl R**, Giobbie-Hurder A, Berfield J, Berry D, Meyerhardt JA, Wright AA, Ligibel JA. Yoga for Chronic Chemotherapy-Induced Peripheral Neuropathy Pain: A Pilot, Randomized Controlled Trial. *J Cancer Surviv*. 2022;16(4):882-891. PMID: 34524631
23. \***Knoerl R**, Giobbie-Hurder A, Sannes TS, Chagpar AB, Dillon D, Stewart Dominici L, Frank ES, Golshan M, McTiernan A, Rhei E, Tolaney SM, Winer EP, Yung RL, Irwin ML, Ligibel JA. Exploring the Impact of Exercise and Mind-Body Prehabilitation Interventions on Physical and Psychological Outcomes in Women Undergoing Breast Cancer Surgery. *Supportive Care in Cancer*. 2022;30(3):2027-2036. PMID: 34648061
24. \***Knoerl R**, Mazzola E, Hong F, Salehi E, McCleary N, Ligibel J, Reyes K, Berry DL. Self-Reported Severity, Characteristics, and Functional Limitations of Chemotherapy-Induced Peripheral Neuropathy. *Pain Management Nursing*. 2022;23(4):532-540. PMID: 34972658
25. \***Knoerl R**, Mazzola E, Woods H, Buchbinder E, Frazier L, LaCasce A, Li BT, Luskin MR, Phillips CS, Thornton K, Berry DL, Ligibel JA. Feasibility of Mindfulness-Music Therapy for Adolescents and Young Adults with Cancer. *Journal of Pain and Symptom Management*. 2022;63(4):e357-e363. PMID: 34896280
26. \***Knoerl R**, Giobbie-Hurder A, Berfield J, Berry D, Meyerhardt JA, Wright AA, Ligibel JA. Exploring Daily Salivary Cortisol Patterns as Biomarkers of Chronic Chemotherapy-Induced Peripheral Neuropathy Pain. *Oncology Nursing Forum*. 2022;49(3):207-211. PMID: 35446834
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31. \*Phillips CS, Bockhoff J, Berry D, Buchbinder E, Frazier AL, LaCasce A, Ligibel J, Luskin MR, Thornton K, Woods H, **Knoerl R**.<sup>s</sup> Exploring Young Adults' Perspectives of Participation in a Mindfulness-Based Music Therapy Intervention Prior to And During the COVID-19 Pandemic. *Journal of Adolescent and Young Adult Oncology*. 2023;12(4):569-576. PMID: 36752714

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36. \***Knoerl R**, Grandinetti K, Smener L, Doll E, Fecher LA, Henry NL, Karimi Y, Pettit K, Schuetze S, Walling E, Zhang A, Barton D. Exploring Adolescent and Young Adult Cancer Survivors' Experience with Cancer Treatment-Related Symptoms: A Qualitative Analysis of Semi-Structured Interviews. *Journal of Adolescent and Young Adult Oncology.* Published online April 18, 2024. PMID: 38634665.
37. \***Knoerl R**, Ploutz-Snyder R, Smener L, Tofthagen C, Zick S. Association of Chemotherapy-Induced Peripheral Neuropathy with Diet Quality Among Post-Treatment Cancer Survivors. *Nutr Cancer.* Published online June 25, 2024. PMID: 38919034
38. \***Knoerl R**, Sohn MB, Spath K, Burnette B, Francar L, Mustian K, Shah D, Gauthier L, Gewandter J. Exploring the Reliability and Validity of Clinically-Relevant Outcome Measures for Chemotherapy-Induced Peripheral Neuropathy. *Supportive Care in Cancer.* Accepted for publication 9 – 12 – 2024.

### Non-Peer Reviewed Journals and Publications

<sup>a</sup> Review Article; <sup>b</sup> Editorial; <sup>c</sup> Educational Material for Patients and the Lay Community; \* data-based publication, <sup>s</sup> Senior Author,

1. <sup>a</sup>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
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*
3. <sup>a</sup>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
4. \***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*
5. \***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
6. <sup>b</sup>Kanzawa-Lee G & **Knoerl R. What do the Data Say about Chemotherapy-Induced Peripheral Neuropathy Assessment and Management? *Asia Pacific Journal of Oncology Nursing.* 2022;10(2):100170. PMID: 36593974**
7. \*Kanzawa-Lee G, Krauss JC, **Knoerl R. Exploring Chemotherapy-Induced Peripheral Neuropathy Management Practice Patterns Among Oncology Clinicians. *Semin Oncol Nurs.* Published online June 26, 2024. PMID: 38937199**

## Published Abstracts

1. **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. Journal of Clinical Oncology DO: 10.1200/JCO.2017.35.15\_suppl.e21710. Published online May 30, 2017. Abstract#e21710

## Presentations

1. **Knoerl, R.** & Holden, J. *Sex Differences in the LH-induced Descending Noradrenergic System in Neuropathic Pain* (Poster): 2014 Midwest Nursing Research Society Conference, St. Louis, MO, March 27-30, 2014.
2. **Knoerl, R.** & Lavoie Smith, E. *Chronic Pain and Cognitive Behavioral Therapy: A Literature Review & Directions for Future Research* (Poster): 2015 Midwest Nursing Research Society Conference: Abstract accepted for poster presentation, Indianapolis, IN, April 16-19, 2015.
3. **Knoerl, R.,** Lavoie Smith, E., Smith, G., Scheu, K., Bridges, C., Prasertsri, N., Phligbua., W, Kanzawa, G., Haupt, R., & Lee-Ekblad, D: *Pilot testing a web-based system for assessment and management of chemotherapy-induced peripheral neuropathy* (Podium), 2016 Midwest Nursing Research Society Conference, Milwaukee, WI, March 17, 2016.
4. **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* (Podium), 2017 International Conference on Cancer Nursing, Anaheim, CA, July 9 – 12, 2017.
5. **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* (Podium), Oncology Nursing Society 43<sup>rd</sup> Annual Congress, Washington, D.C., May 17 – 20, 2018.
6. **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* (Poster), Oncology Nursing Society 44<sup>th</sup> Annual Congress, Anaheim, CA, April 11 – 14, 2019.
7. **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* (Poster), MASCC/ISOO 2019 Annual Meeting, San Francisco, CA, June 21 – 23, 2019.
8. **Knoerl, R.,** Woods, H., Berry, D.L., Frazier, L., LaCasce, L., Thornton, K., Buchbinder, E., Luskin, M.R., Blonquist, T., Ligibel, J.: *Mindfulness-Based Music Therapy for Adolescents and Young Adults Receiving Cancer Treatment: Preliminary Feasibility of Recruitment and Adherence* (Podium), Society for Integrative Oncology 16<sup>th</sup> International Conference, New York City, New York, October 19 – 21, 2019.
9. **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* (Poster), Eastern Nursing Research Society 32<sup>nd</sup> Annual Scientific Sessions, March 26 – 27, 2020 [Virtual].
10. **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* (Poster), 2020 Council for the Advancement of Nursing Science State of the Science Congress on Nursing Research, Washington D.C., September 17 – 18, 2020 [Virtual].
11. **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* (Poster), MASCC/ISOO 2021 Annual Meeting, June 24 – 26, 2021 [Virtual].

12. **Knoerl, R.**, Gewandter, J., Reyes, K., Salehi, E., Thornton, K., & Berry, D.: *Exploring Patients' Understanding of Chemotherapy-Induced Peripheral Neuropathy at the Beginning of Neurotoxic Chemotherapy Initiation* (Poster), Oncology Nursing Society 47<sup>th</sup> Annual Congress, Anaheim, CA, April 29, 2022.
13. **Knoerl, R.**, Berry, D, Meyerhardt J, Reyes, K., Salehi, E., Thornton, K., & Gewandter, J.: *Exploring Patients' Preferences for Participation in Chemotherapy-Induced Peripheral Neuropathy Prevention Clinical Trials* (Poster), MASCC/ISOO 2022 Annual Meeting: Toronto, Canada, June 23 – 25, 2022.
14. **Knoerl, R.**, Mazzola E, Frazier L, Freeman RL, Hammer M, Hong F, LaCasce A, Ligibel J, Luskin M, Segal R, Berry D.: *Exploring Chemotherapy-Induced Peripheral Neuropathy Severity Patterns Among Young Adult Women with Breast Cancer Receiving Weekly or Dose Dense Paclitaxel* (Poster), Oncology Nursing Society 48<sup>th</sup> Annual Congress, San Antonio, TX, April 27 – 30, 2023.
15. **Knoerl R.**, Mazzola E, Pazyra-Murphy M, Hammer M, Segal RA, Berry DL. *Exploring the Association between CEP72 rs924607 Genotype and Chemotherapy-Induced Peripheral Neuropathy in Young Adults Receiving Vincristine or Paclitaxel* (Poster), Oncology Nursing Society 49<sup>th</sup> Annual Congress, Washington D.C., April 25 – 3, 2024.
16. **Doll E & Knoerl R.** *Exploring Cancer Treatment-Related Symptom Severity and Quality of Life in Adolescent and Young Adult Cancer Survivors* (Poster), University of Michigan School of Nursing Research, Scholarship, and Innovation Symposium, Ann Arbor MI, April 3, 2024.
17. Lu W, Giobbie-Hurder A, Tanasijevic A, Baedorf Kassis S, Diederich E, Sahraoui A, Park SH, Jeong YJ, Shin IH, Yao C, Zhang X, Jung HJ, Lee N-R, Yao Y, Bao C, Bao T, Yang E, **Knoerl R**, Bierer BE, Ligibel JA. *Preventing chemotherapy-induced peripheral neuropathy with acupuncture, a multinational parallel randomized controlled trials project (PACT)* (Poster), 2024 American Society of Clinical Oncology, Chicago IL, May 31 – June 4, 2024. *J Clin Oncol.* 2024;42(16\_suppl):TPS12156-TPS12156. doi:10.1200/JCO.2024.42.16\_suppl.TPS12156.

### Other Media

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