

Megan Bale Nelson, M.D.
University of Louisville
Medical Director of Cancer Rehabilitation
Assistant Professor, Division of PM&R
Department of Neurological Surgery
220 Abraham Flexner Way
Louisville, KY 40202

EDUCATION

08/1998-05/2002 B.S. in Biology, Clemson University, Clemson, SC
07/2002-05/2006 M.D., University of Kentucky College of Medicine, Lexington, KY
07/2006-06/2007 Internship – Internal Medicine, Exempla Saint Joseph Hospital, Denver, CO
07/2007-06/2011 Residency – Physical Medicine and Rehabilitation, University of Colorado Hospital, Aurora, CO
07/2011-06/2012 Fellowship – Cancer Rehabilitation Medicine, University of Texas M.D. Anderson Cancer Center, Houston, TX

ACADEMIC APPOINTMENTS

09/2012-present Assistant Professor
Department of Neurological Surgery
Division of Physical Medicine and Rehabilitation
University of Louisville School of Medicine
Louisville, KY

09/2015-present Medical Director of Cancer Rehabilitation
Kentucky One Health
University of Louisville

3/2017-present Cancer Liaison Physician, Elected Position
Commission on Cancer committee
James Graham Brown Cancer Center
Louisville, KY

CERTIFICATION AND LICENSURE

2012-present Diplomat, American Board of Physical Medicine and Rehabilitation
06/2012-present Kentucky Medical License (Active)
10/2012-present Indiana Medical License (Active)

PROFESSIONAL MEMBERSHIPS AND ACTIVITIES

2004-present Member, Alpha Omega Alpha Honor Medical Society
2006-present Member, University of Kentucky College of Medicine Alumni Association
2007-present Member, American Academy of Physical Medicine and Rehabilitation
2012-present Member, Greater Louisville Medical Society

HONORS AND AWARDS

1999 Inducted into the Alpha Lambda Delta Honors Fraternity for academic excellence

1999	Inducted into the National Society of Collegiate Scholars for academic excellence
2000	Inducted into the Golden Key International Honour Society for academic excellence
2001	Inducted into the Honor Society of Phi Kappa Phi for Scholastic Achievement
2002	Blue Key Academic and Leadership Award. <i>Awarded to one student within the College of Agriculture, Forestry, and Life Sciences at Clemson University for overall academic achievement, leadership within the College, and leadership within the community.</i>
2005	Elected Junior AOA member
10/2013	Invitation-only Participant at Greater Louisville Medical Society Physician Leadership Course, Old Medical School Building, Louisville, KY
11/2013	Certified as Survivorship Training and Rehab Clinician by Oncology Rehab Partners, LLC.

COMMITTEE ASSIGNMENTS AND ADMINISTRATIVE SERVICES

09/2012	Research! Louisville 2012 Judge for Posters
09/2012-present	Cancer Care Committee, Jewish Cancer Care, KY One Health
01/2013-present	Survivorship Committee, James Graham Brown Cancer Center
03/2013-present	Rehabilitation Policy Committee, University of Louisville Hospital
04/2013-present	Cancer Care Committee, James Graham Brown Cancer Center
10/2013-present	Survivorship Training and Rehabilitation (STAR) Steering Committee, KentuckyOne Health and Frazier Rehab Institute
10/2013	Healthy Lifestyle Centers Physician Advisory Council, KentuckyOne Health
05/2014	Cancer Survivor Celebration, James Graham Brown Cancer Center
10/2015-present	Initiated Cancer Survivor Educational Series committee with Whitney Pitman, ARNP, at James Graham Brown Cancer Center. Educational series is titled "P.S. - Planning your Survivorship" and is ongoing
11/2015-present	Initiated Sarcoma Networking Group at Gilda's Club in Louisville, KY associated with James Graham Brown Cancer Center with Kara Whalin, and I'm actively involved monthly
2/2016-present	Pastoral Education Program Accreditation Committee, University of Louisville
2/2016-present	Initiated the Patient Advisory Council at James Graham Brown Cancer Center and am actively involved monthly
2/2016-present	Co-secretary for Cancer Rehabilitation national workgroup within American Academy of Physical Medicine and Rehabilitation
1/2017-present	Agenda Setting Committee, Cancer Rehabilitation national workgroup within American Academy of Physical Medicine and Rehabilitation
3/2017-present	Patient Experience Committee, James Graham Brown Cancer Center
5/2017-present	Leadership Committee, James Graham Brown Cancer Center
7/1/2017-7/31/2017	Co-Captain for Team "Mega Sarcoma Superstars" which is raising money for Sarcoma Foundation of America through a Sarcoma Virtual Race. Our team is walking/running miles throughout the month of July, and the captains have created the team, provide communication to the team, and monitor progress of mileage and fundraising.
1/2018-present	Member of the Supportive Oncology Providers Meeting,

EDUCATIONAL ACTIVITIES

TEACHING

09/2012-present	Physician Residents in Physical Medicine and Rehabilitation Residency Program at the University of Louisville School of Medicine, Department of Neurosurgery
11/2012-present	Medical Student Preceptor for University of Louisville medical students
7/28/2015	Lecture for Medical Oncology Fellows at University of Louisville – “Lymphedema in Cancer Patients.”
3/24/2016	Lecture for Hospice and Palliative Care fellows and medical students at University of Louisville – “Cancer Rehabilitation: A Journey”
9/2016	Lecture for Medical Oncology Fellows at University of Louisville-“Cancer Rehabilitation: Does Exercise = Cancer Medicine?”
3/2017	Lecture for Hospice and Palliative Care fellows and medical students at University of Louisville - “Cancer Rehabilitation: A Journey”
6/30/2017	Lecture to Nurse Navigators at James Graham Brown Cancer Center. “Cancer Rehabilitation: Are you Part of the Team?”
7/25/2017	Lecture to Oncology Fellows. “Rehabilitation for Neurooncology patients”

GRAND ROUNDS PRESENTATIONS

03/2008	“Thalamic Pain Syndrome” Lecture presented at University of Colorado Physical Medicine and Rehabilitation Department and Faculty, Denver, CO.
11/2009	“Neuromuscular Side Effects of Radiation in Cancer Patients” Lecture presented at University of Colorado Physical Medicine and Rehabilitation Department and Faculty, Denver, CO.
12/2009	“Spinal Instability with Metastatic Disease and Rehabilitation” presented at Denver VA Hospital Rehabilitation Department, Denver, CO.
03/2011	“Cancer and Spinal Cord Injury: When the Two Intersect” presented at Craig Hospital in Englewood, CO.
06/2012	“A Year in Review: Rehabilitation Cases” presented at University of Texas M.D. Anderson Cancer Center, Houston, TX.
01/2013	“Cancer Rehabilitation: What, Why, Where, When?” presented at the University of Louisville Neuroscience Grand Rounds, Louisville, KY.
04/2013	“Cancer Rehabilitation: What are the Goals?” presented at the University of Louisville Physical Medicine and Rehabilitation Grand Rounds, Louisville, KY.
08/2013	“Cancer Rehabilitation: A ‘New’ Service” presented at the Brown Cancer Center Hematology/Oncology Grand Rounds of University of Louisville, Louisville, KY.
05/2014	“Cancer Survivorship.” Presented at the University of Louisville Physical Medicine and Rehabilitation Grand Rounds, Louisville, KY.
3/2015	“Acute Rehabilitation and Metastatic Spinal Cord Compression.” Physical Medicine and Rehabilitation Grand Rounds, Louisville, KY.
3/2015	“Survivorship Care: Bridging the Gap for Cancer Survivors.” Presented with Whitney Pitman, AOCNP, APRN-C. Brown Cancer Center Hematology/Oncology Grand Rounds of University of Louisville, Louisville, KY.
10/2015	“Cancer Rehabilitation: The Journey” Presented at University of Colorado School of Medicine, Department of Physical Medicine and Rehabilitation. Denver, Colorado.
2/2017	“Multidisciplinary Panel Discussion: Pain Management for Cancer Patients” Presented at the Brown Cancer Center Hematology/Oncology Grand Rounds of University of Louisville, Louisville, KY.
2/2017	“Lung Cancer and Patient Migration Patterns For Cancer Care, and a Report from JGBC Commission on Cancer Committee” Presented at the Brown Cancer Center Hematology/Oncology Grand Rounds of University of Louisville, Louisville, KY.

OTHER LECTURES

Spring 2004	Guest Lecturer at the Glasgow High School Academic Banquet, Glasgow, KY.
12/2009	"Radiation Therapy: Neuromuscular and Musculoskeletal Effects." Guest Lecturer at the Glasgow/Barren County Family Medicine Residency Program, University of Louisville, Glasgow, KY.
10/2012	"Cancer Rehabilitation." Presented to Inpatient and Outpatient Rehabilitation providers for the University of Louisville at HCOC, Louisville, KY.
11/2012	"Cancer Rehabilitation." Guest Lecturer for the Inpatient Therapy Services, Frazier Rehabilitation Institute, Louisville, KY.
11/2012	"Cancer Rehabilitation." Guest Lecturer for Oncologic Professional Navigators, Jewish Medical Center Northeast, Louisville, KY.
12/2012	"Cancer Rehabilitation." Guest Lecturer for Frazier Rehabilitation Institute's Case Managers, Louisville, KY.
03/2013	"A New 'Normal' ...Benefits of Rehab in Cancer Care." Guest Lecturer for Navigating the Road to Survivorship Group, Jewish Hospital Medical Center East, Louisville, KY.
05/2013	Guest Lecturer at the Body Worlds Vital Exhibit at the Kentucky Science Center, Kentucky One Health sponsored event on "Cancer." Louisville, KY.
08/2013	"Cancer Rehabilitation" presented as Featured Speaker at the monthly Catholic Health Initiatives Teleconference Meeting regarding the National Oncology Service Line. Louisville, KY.
10/2013	"Cancer Rehabilitation." Presented as Invited Guest Lecturer to Inpatient Rehabilitation Professionals at Baptist Hospital East, Louisville. KY.
2/2014	"Women in Medicine" Presented as Invited Guest Lecturer for University of Louisville's Post-Baccalaureate Pre-Med Program
7/2014	"Oncology Rehabilitation" as part of a Kentucky One Health educational event titled "Interdisciplinary Approach to Palliative Care" at Jewish Hospital
8/2014	"Rehabilitation for Cancer Patients" Presented as Invited Guest Lecturer in Lexington, KY for Kentucky One Health providers
11/2014	"Rehabilitation in Trauma" Presented as Invited Guest Lecturer at University of Louisville Hospital for Trauma Team including Nurse Practitioners and Nursing Staff
5/2015	"Physiatry within the Oncology World" Presented as Invited Guest Lecturer for Survivorship Training and Rehabilitation (STAR) Inservice at University of Louisville
7/2015	"Cancer Rehabilitation for Patients with Advanced Cancer" " as part of a Kentucky One Health educational event titled "What's new in multidisciplinary approach to late stage breast cancer" at Jewish Hospital
7/2015	"Lymphedema in Cancer Patients" Invited Lecturer for Medical Oncology Fellows at University of Louisville
10/2015	"Can Rehabilitation Help During Breast Cancer?" Presented as Invited Guest Lecturer at Southern Indiana Rehabilitation Hospital, Community Education Series
3/2016	"Cancer Rehabilitation: A Journey" Invited Lecturer for Hospice and Palliative Care fellows and medical students at University of Louisville
5/2016	"Does Exercise = Cancer Medicine?" Presented as Invited Guest Lecturer for Survivorship Training and Rehabilitation (STAR) Inservice at University of Louisville
9/2016	"Cancer Rehabilitation: Are you part of the team?" Invited lecturer for Research Clinical Trials Department, James Graham Brown Cancer Center
9/2016	"Lymphedema from a Physician & Patient Perspective" Presented as Guest Lecturer for Lymphedema Workshop, Frazier Rehab Institute, Louisville, KY.
11/2016	"Cancer Rehabilitation Medicine in a Small Academic Venue" Presented at American Congress of Rehabilitation Medicine, Chicago, IL.

- 3/2017 "Cancer Rehabilitation" Invited Lecturer for Brightstar Home Care with audience of Louisville healthcare professionals, Louisville, KY.
- 10/2017 "Building a clinical Cancer Rehabilitation Medicine program: From the Ground Up" Lecture Presentation at AAPMR national conference with 3 colleagues; Dr. Carolina Gutierrez, Dr. Nancy Hutchison, and Dr. Vish Raj, Denver, CO.
- 2/2018 "Cancer Rehabilitation" Presented to the University of Louisville Palliative Medicine Fellows, Louisville, KY.

CLINICAL ACTIVITIES

- 09/2012-present Attending physician – Helped cover inpatient services as well as inpatient consults with resident teaching.
- 09/2012-present KY One Health Tumor Board Conferences, Jewish Hospital and St. Mary's Hospital, Louisville, KY.
- 09/2012-present Neuro-Oncology Tumor Board Conferences, James Graham Brown Cancer Center, Louisville, KY.
- 04/27/2013 Volunteer for the Christopher and Dana Reeve Foundation NeuroRecovery Network.
Volunteered at the Kentucky Derby Mini-Marathon in Louisville, KY, assisting patients with spinal cord injuries participating in the race.
- 5/2014 Annual Cancer Survivor Celebration, James Graham Brown Cancer Center
- 5/2015 Annual Cancer Survivor Celebration, James Graham Brown Cancer Center
- 5/2016 Annual Cancer Survivor Celebration, James Graham Brown Cancer Center
- 5/2017 Annual Cancer Survivor Celebration, James Graham Brown Cancer Center
- 5/2017 Organized and volunteered the "Photo Shoot: The Faces Above Cancer" for cancer patients at James Graham Brown Cancer Center

RESEARCH, GRANTS AND CONTRACTS

1. No funding "Sarcoma Database" research. Development of a Database for Patients who have Undergone Surgical Resection of Bone and Soft-Tissue Sarcomas by Dr. Travis Heare in the Musculoskeletal Tumor Program at the Children's Hospital, Aurora, CO. 2009 to present.
2. IRB approval obt. 6/2017 "Physiatric Evaluation and Identification of Impairments in Cancer Survivors on Initial Admission into a Survivorship Clinic: A Retrospective Chart Review" research.

ABSTRACTS AND PRESENTATIONS

ORAL PRESENTATIONS

1. "Longitudinal Outcome Measurement in Orthopedic Oncologic Survey." **Nelson MB.** Guest Lecturer at The Children's Hospital Annual Orthopedic Day Conference, Aurora, CO. April 2011.
2. "Sarcoma Patients: Health-Related Quality of Life and Functional Outcomes after Surgery. A Longitudinal Database Collection." **Nelson MB.** Graduation Research Lecture presented at the University of Colorado Physical Medicine and Rehabilitation (UC PMR) Gersten Day, Aurora, CO. June 2011.
3. "Assessment of Health Related Quality of Life Among Sarcoma Patients." Heare T, **Nelson MB**, Carry P, and Wylie E. American Academy of Orthopedic Surgeons Annual meeting. Chicago, IL. March 19-23, 2013.

POSTER PRESENTATIONS

1. Inpatient Rehabilitation of Cerebellopontine Angle Epidermoid Cysts: 3 Case Reports. Fu J, **Nelson MB**, Bruera E. Poster presentation at the American Academy of Physical Medicine and Rehabilitation National Meeting in Atlanta, GA. November 15-18, 2012.

PUBLICATIONS

PEER-REVIEWED PUBLICATIONS

1. **Bale MT, et al.** "Yellow Jackets May be an Underestimated Component of an Ant-Seed Mutualism." *Southeastern Naturalist* 2003, 2(4):609-614.
2. **Nelson MB** and Guo Y. "A Snapshot of Inpatient Cancer Rehabilitation." *Journal of Cancer Education: Volume 28, Issue 4 (2013)*, pp 676-678. DOI 10.1007/s13187-013-0547-0.
3. **Nelson M**, Palmer JL, Fu J, Williams JL, Yadav R, Guo Y. Hyponatremia in cancer patients on an inpatient rehabilitation unit. *European Journal of Cancer Care* 2013 Oct 15. doi: 10.1111/ecc.12140. [Epub ahead of print]
4. Fu J, **Nelson MB**, Bruera E. "Inpatient Rehabilitation of Cerebellopontine Angle Epidermoid Cysts: 3 Case Reports." *Neurosurg Q.* 2014 Aug; 24(3): 197–202.
5. **Nelson, MB**, Haustein D, Papuchis S. "Neuromuscular Complications of Cancer" *PMR Knowledge NOW* 2016.

PUBLICATIONS IN REVIEW

1. Heare T, Carry P, Monreal A, Dell'Orfano S, Mooney R, Hensley MA, **Nelson MB**. "Quality of Life Among Sarcoma Patients that Underwent Limb Amputation Versus Limb Salvage Procedures." In review.

BOOK CHAPTER

1. **Nelson MB.** (2014). "Lymphedema: Lower Extremity." Ki Y. Shin (Ed.), *Cancer: Rehabilitation Medicine Quick Reference* (pp 82-83). Demos Medical 2014.

REVIEWER

1. Reviewer, *Physical Medicine and Rehabilitation Journal*, 04/2013-present.
2. Reviewer, *European Journal of Cancer Care*, 09/2013-present.