

CURRICULUM VITAE
University of Pittsburgh
School of Medicine

BIOGRAPHICAL

Name: Scott Henry Maurer, MD

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EDUCATION and TRAINING

UNDERGRADUATE:

8/96-5/00	Wittenberg University Springfield, OH	BA 2000	Biology
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GRADUATE:

8/00-6/04	Oregon Health & Science University Portland, OR	MD 2004	Human Medicine
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POST GRADUATE:

6/04-6/07	University of Washington & Seattle Children's Hospital Department of Pediatrics Seattle, WA	Intern & Resident 2007	Pediatrics Director: Richard Shugerman, MD
7/07-07/10	St. Jude Children's Research Hospital Departments of Oncology and Hematology Memphis, TN	Fellow 2010	Pediatric Hematology/Oncology Director: Jeffrey Rubnitz, MD, Ph.D.

APPOINTMENTS and POSITIONS

ACADEMIC:

Years Inclusive	Name and Location of Organization	Rank/Title
8/10-12/15	University of Pittsburgh School of Medicine Department of Pediatrics Pittsburgh, PA	Assistant Professor of Pediatrics
7/14-12/15	University of Pittsburgh Clinical and Translational Science Institute Pittsburgh, PA	Assistant Professor of Clinical and Translational Science
8/14-Present	University of Pittsburgh School of Medicine Department of Pediatrics Pittsburgh, PA	Director, Palliative Care
1/16-Present	University of Pittsburgh School of Medicine Department of Pediatrics Pittsburgh, PA	Associate Professor of Pediatrics
1/16-Present	University of Pittsburgh School of Medicine Department of Pediatrics Pittsburgh, PA	Associate Professor of Clinical and Translational Science

NON-ACADEMIC

5/18-Present	UPMC Children's Hospital of Pittsburgh Professional Staff Pittsburgh, PA	Chief, Division of Palliative Medicine and Supportive Care
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SPECIALTY CERTIFICATION:

Certifying Board	Year
American Board of Pediatrics – General Pediatrics	2007-Present
American Board of Pediatrics – Pediatric Hematology/Oncology	2011-Present
American Board of Pediatrics – Hospice and Palliative Medicine	2012-Present

MEDICAL or OTHER PROFESSIONAL LICENSURE

Licensing Board/State	Year
State of Washington – Medical Trainee License	2004-2007
State of Tennessee – Unrestricted Medical License	2007-2010
Commonwealth of Pennsylvania – Unrestricted Medical License	2010-Present

MEMBERSHIPS in PROFESSIONAL and SCIENTIFIC SOCIETIES

Organization	Year
American Academy of Hospice and Palliative Medicine	2008-Present
American Society of Pediatric Hematology Oncology	2008-Present
American Academic of Pediatrics	2015-Present

HONORS

Title of Award	Year
Phi Beta Kappa Honor Society <i>Wittenberg University</i>	1999
Graduated Summa Cum Laude with University and Department of Biology Honors <i>Wittenberg University</i>	2000
John F. Mitchell Award <i>Wittenberg University</i>	2000
Graduated Cum Laude <i>Oregon Heath & Science University, School of Medicine</i>	2004
Praise from Patients Award <i>UPMC Children's Hospital of Pittsburgh</i>	2012
William I. Cohen Resident Teaching Award <i>University of Pittsburgh Pediatric Residency Training Program</i>	2013
Fine Award Finalist for Excellence in End-of-Life Care <i>Jewish Healthcare Foundation</i>	2013
Loving Heart Award <i>Pennsylvania Children's Heart Foundation</i>	2014
Patient Satisfaction Award for Overall Quality of Doctor Care <i>UPMC</i>	2016
Patient Satisfaction Award for Overall Quality of Doctor Care – Perfect Score <i>UPMC</i>	2017
Praise from Patients Award <i>UPMC Children's Hospital of Pittsburgh</i>	2017
Top 10 Pediatric Resident Educator Award <i>Department of Pediatrics, University of Pittsburgh School of Medicine</i>	2018
Top 10 Pediatric Resident Educator Award <i>Department of Pediatrics, University of Pittsburgh School of Medicine</i>	2019

PUBLICATIONS

Original Peer-reviewed articles

1. Pederson C, **Maurer S**, Kaminski, P, Zander K, Peters C, Stokes-Crowe L, Osborn R. Hippocampal volume and memory performance in a community-based sample of women with posttraumatic stress disorder secondary to child abuse. *J Trauma Stress*. 2004 Feb;17(1):37-40. PMID: 15027791.
2. **Maurer S**, Hinds P, Spunt S, Furman W, Kane J, Baker J. Decision making by parents of children with incurable cancer who opt for enrollment on a phase I trial compared with choosing a do not resuscitate/terminal care option. *J Clin Oncol*. 2010 Jul 10;28(20):3292-8. PMID: 20498399.
3. Taylor M, Jakacki R, May C, Howrie D, **Maurer S**. Ketamine PCA for treatment of end-of-life neuropathic pain in pediatrics. *Am J Hosp Palliat Care*. 2015 Dec 32(8):841-8. PMID: 25028743.
4. Barnett M, **Maurer S**, Wood, G. Pediatric Palliative Care Pilot Curriculum: Impact of “Pain Cards” on Resident Education. *Am J Hosp Palliat Care*. 2016 33(9):829-33. PMID: 26101349.
5. Kelly J, May C, **Maurer S**. Assessment of the spiritual needs of primary caregivers of children with life-limiting illnesses is valuable yet inconsistently performed in the hospital. *J Palliat Med*. 2016 19(7):763-6. PMID: 27136401.
6. Thrane S, **Maurer S**, Ren D, Danford C, Cohen S. Reiki Therapy for Symptom Management in Children Receiving Palliative Care: A Pilot Study. *Am J Hosp Palliat Care*. 2016 19(7):763-6. PMID: 26858170.
7. Kazmerski, T, Weiner D, Matisko J, Schachner D, Lerch W, May C, and **Maurer S**. “Advance Care Planning in Adolescents with Cystic Fibrosis: A Quality Improvement Project.” *Pediatric Pulmonology*. 2016 51(12):1304-1310. PMID: 27749020.
8. Thrane S, **Maurer S**, Cohen S, May C, Sereika S. “Pediatric Palliative Care: A Five-Year Retrospective Chart Review Study.” *J Palliat Med*. 2017 20(10):1104-1111. PMID: 28586256.
9. Meenan C, Kelly J, Wang L, Ritchey A, **Maurer S**. “Obesity in pediatric patients with acute lymphoblastic leukemia increases the risk of adverse events during pre-maintenance chemotherapy.” *Pediatr Blood Cancer*. 2018 66(2):e27515. PMID: 30362242.
**Publisher’s Notation as one of the top 10% downloaded articles for the Journal that year.*
10. Yu J, Schenker Y, **Maurer S**, Cook S, Kavlieratos D, Houtrow A. “Pediatric palliative care in the medical neighborhood for children with medical complexity.” *Fam Syst Health*. 2019 37(2):107-119. PMID: 31045385.
11. McFatrigh M, Brondon J, Lucas N, Hinds P, **Maurer S**, Mack J, Freyer D, Jacobs S, Baker J, Mowbray C, Wang M, Castellino S, Barz Leahy A, Reeve B. “Mapping child and adolescent self-reported symptom data to clinician-reported adverse event grading to improve pediatric oncology care and research.” *Cancer*. 2019. PMID: 31553494.
12. McNamara L, Okoniewski W, **Maurer S**, Moehling K., Hall D, Schenker Y. “‘Give them the door but don’t push them through it:’ Family Attitudes Toward Physician-led Spiritual Care in Pediatric Palliative Medicine.” *Journal of Religion and Health*. 2020. In press.
13. Reeve B, McFatrigh M, Mack J, **Maurer S**, Jacobs S, Freyer D, Withycombe J, Baker J, Castellino S, Lin L, Lucas N, Hinds P. “Validity and Reliability of the Pediatric Patient-Reported Outcomes - Common Terminology Criteria for Adverse Events.” *J Natl Cancer Inst*. 2020. In press.
14. Mack, J, et. Al. “Agreement between Child Self-Report and Caregiver Proxy-Report for Symptoms and Functioning of Children Undergoing Cancer Treatment.” *JAMA Peds*. 2020. In press.

Other Peer Reviewed Publications

1. **Maurer S**, Wilimas J, Wang W, Reiss U. Heparin-induced thrombocytopenia and re-thrombosis associated with warfarin and fondaparinux in a child. *Pediatr Blood Cancer*. 2009 Sep;53(3):468-71. PMID: 19415734.
2. Inaba H, Londero M, **Maurer S**, Onciu M, Ge Y, Taub J, Rubnitz J, Raimondi S. Acute megakaryoblastic leukemia without

the GATA1 mutation following transient myeloproliferative disorder in an infant without Down syndrome. *J Clin Oncol*. 2011 Mar 20;29(9):e230-3. PMID: 21205752.

3. Wine T, Duwuri U, **Maurer S**, Mehta D. Pediatric transoral robotic surgery for oropharyngeal malignancy: a case report. *Int J Pediatr Otorhinolaryngol*. 2013 Jul;77(7):1222-6. PMID: 23680523.
4. Niehaus J & **Maurer S**. "NICU Communication: The Many Disguises of Opportunity." *NeoReviews* 2018 19(9):e526-e532.
5. Mastropolo R, Close A, Allen S, McClain K, **Maurer S**, Picarsic J. "BRAF-V600E-mutated Rosai-Dorfman-Desombres disease and Langerhans cell histiocytosis with response to BRAF inhibitor." *Blood Adv*. 2019 3(12):1848-1853. PMID: 31213430.
6. Chong H, **Maurer S**, Heimall J. "What to do with an abnormal newborn screen for severe combined immune deficiency." *Immunol Allergy Clin North Am*. 2019 39(4):535-546. PMID: 31563187.

Books, book chapters, and monographs

1. Malhotra S, **Maurer S**. Pain Management. In: Feusner J, Hastings C, Agrawal A, editors. Supportive care in pediatric oncology: a practical evidence-based approach. Heidelberg: Springer Berlin Heidelberg; 2015. p. 137-158.
2. Seynnaeve B, **Maurer S**, Arnold, R. Communicating Prognosis at Diagnosis and Relapse or Progression. In: Ethical Issues in Pediatric Hematology/Oncology. Springer Berlin Heidelberg; 2020. p. 39-56.

Published abstracts

1. **Maurer S**, Zander K, Kaminski P, Pederson C. Using Magnetic Resonance Imaging to Identify alterations in Brain Morphology in Female Survivors of Childhood Abuse with Posttraumatic Stress Disorder. *The Ohio Journal of Science*. 1999;10(1):A10.
2. Zander K, **Maurer S**, Kaminski P, Pederson C. Memory Deficits in Women Suffering from Posttraumatic Stress Disorder Resulting from Child Abuse. *Ohio J Sci*. 1999;10(1):A10.
3. Pederson C, **Maurer S**, Zander K, Osborn R, Kaminski P. Using Neuropsychological Tests and Magnetic Resonance Imaging to Identify Memory Deficits and Changes in Brain Morphology in Women Suffering from Posttraumatic Stress Disorder Secondary to Child Abuse. *Society for Neuroscience Abstracts*. 2000;26(1):1038.
4. Zander K, **Maurer S**, Hoffmann M, Pederson C, Kaminski P, Stokes-Crowe L. Memory Deficits and Hippocampal Atrophy in Posttraumatic Stress Disorder Secondary to Child Abuse. *National Council for Undergraduate Research 15th Conference*. 2001;362.

Non-Published Abstracts

1. **Maurer S**, Hays R, Villereale N, Li Y. Withdrawal of life-sustaining treatment in the pediatric intensive care unit: an analysis of practice patterns at the end of life. *American Academy of Hospice and Palliative Medicine National Conference*. 2008;29-30.
2. **Maurer S**, Hinds P, Spunt S, Furman W, Kane J, Baker J. Decision Making by Parents of Children with Incurable Cancer who opt for Enrollment on a Phase I Trial compared with choosing a Do Not Resuscitate/Terminal Care Option. *Pediatric Academic Society Annual Conference*. 2010.
3. Kuhnlein M, **Maurer S**. Integration of a Pediatric Bereavement Program within a Level 1 Pediatric Trauma Program. *John M. Templeton Jr. Pediatric Trauma Symposium*. Philadelphia, PA. 2012.
4. Wallisch J, Hamilton M, May C, Kuhnlein M, **Maurer S**. Improving Communication at End of Life through Medical Education. *Society for Critical Care Medicine: Annual Conference*. San Francisco, CA. 2014.
5. Woods K, Michaels M, Tersak J, **Maurer S**. Bacteremia Associated Morbidity and Mortality in Childhood Acute Myelogenous Leukemia. *Pediatric Academic Society Annual Assembly*. Vancouver, BC. 2014.
6. Taylor M, Jakacki R, May C, Howrie D, **Maurer S**. Ketamine PCA for treatment of end-of-life neuropathic pain in

pediatrics. Pediatric Academic Society Annual Assembly. Vancouver, BC. 2014

7. Kelly J, Jakacki R, May C, **Maurer S**. Assessment of the spiritual needs of primary caregivers of children with life-limiting illnesses is valuable yet inconsistently performed in the hospital. Pediatric Academic Society Annual Assembly. Vancouver, BC. 2014.
8. Thrane S, **Maurer S**, Cohen S, Sereika S. “Pediatric Palliative Care: A 5-Year Retrospective Chart Review Study” Sigma Theta Tau International 26th International Nursing Research Congress. Puerto Rico. 2015
9. Kazmerski T, Weiner D, Matisko J, Schachner D, and **Maurer S**. Advance care planning in CF: a quality improvement project. North American Cystic Fibrosis Conference. Phoenix, AZ. 2015.
10. Abboud A, McNamara L, Podgurski L, Hofkosh D, **Maurer S**, Glaser C, and Moehling KK. Religion, Spirituality and Medicine: Impact of an Educational Intervention for Medical Students and Physicians. Society of General Internal Medicine Annual Meeting. Denver, CO. 2018.
11. Abboud A, McNamara L, Podgurski L, Hofkosh D, **Maurer S**, Glaser C, and Moehling KK. Religion, Spirituality and Medicine: Impact of an Educational Intervention for Medical Students and Physicians. Pediatric Academic Society Annual Assembly. Toronto, ON. 2018.
12. Close, A, **Maurer S**, Allen S, Picarsic J. “Mixed Histiocytosis Rosai-Dorfman Disease (R-Group) and Langerhans Cell Histiocytosis (L-Group) with Simultaneous Expression of BRAF-V600E Mutation and Response to Dabrafenib.” Annual Meeting of the Histiocyte Society. Lisbon, Portugal. 2018.
13. Brown A, **Maurer S**, Reis E, Choi S, Claxton R. “Disclosing Medical Errors: A Skill-Based Workshop for Pediatric Residents.” University of Pittsburgh School of Medicine Med Ed Day. Pittsburgh, PA. 2019.
14. Mann C, McFatrigh M, Hinds P, **Maurer S**, Freyer D, Baker J, Mack J, Bennett A, Lucas N, Schanberg L, Weitzman E, Withycombe J, Sung L, Reeve B. Responsiveness of PROMIS® Pediatric measures to changes in health-related quality of life among children and adolescents undergoing treatment for cancer. International Society of Quality of Life Research. San Diego, CA. 2019.
15. McFatrigh M, Mann C, Hinds P, **Maurer S**, Baker J, Bennett A, Withycombe J, Castellino S, Lin L, Wang M, Reeve B. Assessing how a child with cancer functions using patient-reported and objective physical activity data. International Society of Quality of Life Research. San Diego, CA. 2019.
16. Zuckerbraun N, Lunoe M, **Maurer S**, Brown A, Arnold R, Choi S, Emler L. Delivering Serious News in Pediatric Emergency Medicine (PEM): A Formal Communication Course for Physicians. Rita M. Patel GME Leadership Conference. Pittsburgh, PA. 2020.

PROFESSIONAL ACTIVITIES

TEACHING:

Grand rounds:

Communicating with the Dying Child
*University of Tennessee School of Medicine
Department of Pediatrics
Memphis, TN*

June 2009

Decision Making in the Pediatric Palliative Care Setting
*University of Pittsburgh School of Medicine
Department of Pediatrics
Pittsburgh, PA*

December 2010

Palliative Care for the Neonate
*University of Pittsburgh School of Medicine
Division of Neonatology
Pittsburgh, PA*

September 2012

<p>Integration of Bereavement Support in Palliative Care: Support Begins at Referral <i>The Children's Institute</i> <i>Pittsburgh, PA</i></p>	September 2012
<p>Neonatal and Perinatal Palliative Care <i>The Children's Home of Pittsburgh</i> <i>Pittsburgh, PA</i></p>	November 2012
<p>Palliative Care in Obstetrics and Gynecology <i>University of Pittsburgh School of Medicine</i> <i>Department of Obstetrics and Gynecology</i> <i>Pittsburgh, PA</i></p>	December 2013
<p>Supporting Children and Families with Life-Limiting Illness: Old Roads with New Directions <i>University of Pittsburgh School of Medicine</i> <i>Department of Pediatrics</i> <i>Pittsburgh, PA</i></p>	September 2014
<p>Decision Making in Pediatric Palliative Care <i>Oregon Health & Science University</i> <i>Department of Pediatrics, Division of Hematology/Oncology</i> <i>Portland, OR</i></p>	February 2016
<p>The Role of Identity in Decision Making <i>University of Pittsburgh School of Medicine</i> <i>Division of General Internal Medicine, Palliative and Supportive Institute</i> <i>Pittsburgh, PA</i></p>	August 2019

Intramural Courses:

<p>CLRES 2601: Principles and Practice of Palliative Care <i>Course Co-Instructor</i> <i>University of Pittsburgh School of Medicine</i> <i>Department of General Internal Medicine</i> Cumulative lecture hours: ~2/year Cumulative learners: ~6/year</p>	2011-Present given annually
<p>Susan K. Markoroff Death & Dying Conference <i>Course Co-Director</i> <i>University of Pittsburgh School of Medicine</i> <i>Department of Pediatrics</i> <i>Residency Training Program</i> Cumulative lecture hours: ~7/year Cumulative resident learners: ~30/year</p>	2011-Present given annually
<p>Pediatric Palliative Care <i>Course Director</i> <i>University of Pittsburgh School of Medicine</i> <i>Department of Medicine, Division of General Internal Medicine</i> <i>Hospice and Palliative Medicine Fellowship Training Program</i></p>	2011-Present
<p>NURNP 2549 Management: Advanced Pediatric Health Problems <i>Guest Lecturer</i> <i>University of Pittsburgh School of Nursing</i> Cumulative lecture hours: ~4/year Cumulative Learners: ~8/year</p>	2013-Present given annually
<p>Pediatric Resident Communications Course <i>Small Group Facilitator</i> <i>University of Pittsburgh School of Medicine</i> <i>Pediatric Residency Program</i> Cumulative lecture hours: ~2/year Cumulative learners: ~6/year</p>	2014-Present given annually
<p>Discover u Day <i>Lecturer</i> <i>University of Pittsburgh Student Affairs – Career Center</i> Cumulative Lecture Hours 6</p>	August 2016 given annually

Introduction to Being a Physician
Panelist
University of Pittsburgh School of Medicine
Cumulative Lecture Hours 2
Cumulative learners 260

August 2017
given annually

Spirituality in Medicine
Co-Director and Curriculum developer
University of Pittsburgh School of Medicine
Cumulative lecture hours 3
Cumulative learners 45

October 2017

Pallitalk: Palliative Medicine Communication Course
VitalTalk Trainer
UPMC Palliative and Supportive Institute
Cumulative Lecture Hours 22
Cumulative learners 10

December 2017

MSELCT 5720: Mentored Project
Project Mentor for Laura McNamara, MS-4
University of Pittsburgh School of Medicine
Cumulative Hours 20
Cumulative Learners 1

July 2018-August 2018
January 2019

PEMTalk: Communication Course for Pediatric Emergency Medicine Providers
VitalTalk Trainer
UPMC Children's Hospital of Pittsburgh
Cumulative Hours 10
Cumulative Learners 20

October 2018
Given annually

PedsNephroTalk: Communication Course for Pediatric Nephrologists
Course co-developer and VitalTalk Trainer
UPMC Children's Hospital of Pittsburgh
Cumulative Hours 4
Cumulative Learners 8

July 2019

Intramural Seminars:

Withdrawal of Non-Beneficial Therapies in the PICU: Decision Making and Communication.
University of Washington School of Medicine
Department of Pediatrics
Resident Case Presentation
Lecture hours: 1

January 2007

Hemorrhagic cystitis in 2 patients without history of bone marrow transplant or cyclophosphamide
St. Jude Children's Research Hospital
Leukemia/Lymphoma Conference
Lecture hours: 1

August 2007

Aspergillus in allogeneic transplant patients: complications and therapy
St. Jude Children's Research Hospital
Leukemia/Lymphoma Conference
Lecture hours: 1

September 2007

The spleen: function, dysfunction, and regeneration
St. Jude Children's Research Hospital
Hematology Conference
Lecture hours: 1

October 2007

Virilizing tumors in children
St. Jude Children's Research Hospital
Solid Tumor Conference
Lecture hours: 1

November 2007

<p>Hepatotoxicity in children undergoing treatment for leukemia <i>St. Jude Children's Research Hospital</i> <i>Leukemia/Lymphoma Conference</i> Lecture hours: 1</p>	January 2008
<p>Use of palifermin in pediatric hematopoietic stem cell patients with hematologic malignancies <i>St. Jude Children's Research Hospital</i> <i>Leukemia/Lymphoma Conference</i> Lecture hours: 1</p>	March 2008
<p>A Case of Eosinophilia <i>St. Jude Children's Research Hospital</i> <i>Hematology Conference</i> Lecture hours: 1</p>	April 2008
<p>A patient with multiply recurrent thrombi <i>LeBonheur Children's Hospital/UTMG Hematology Conference</i> Lecture hours: 1</p>	April 2008
<p>Withdrawal of non-beneficial therapies <i>St. Jude Children's Research Hospital</i> <i>Solid Tumor Conference</i> Lecture hours: 1</p>	May 2008
<p>OS2008: A Novel Treatment Approach and Dynamic MRI <i>St. Jude Children's Research Hospital</i> <i>Solid Tumor Conference</i> Lecture hours: 1</p>	June 2008
<p>A Discussion Regarding an Article Investigating Novel Therapy in Osteosarcoma <i>St. Jude Children's Research Hospital</i> <i>Oncology-Biostatistics Journal Club</i> Lecture hours: 1</p>	December 2008
<p>The Big Switch: Is There a Better Way to Transition a Patient with Heparin Induced Thrombocytopenia from Argatroban to Warfarin? <i>St. Jude Children's Research Hospital</i> <i>Hematology Journal Club</i> Lecture hours: 1</p>	May 2009
<p>An RCT of Cooked and Non-Cooked Diets in AML Using a Bayesian Multiple Outcome Design <i>St. Jude Children's Research Hospital</i> <i>Oncology-Biostatistics Journal Club</i> Lecture hours: 1</p>	June 2009
<p>Overview of Pediatric Palliative Care <i>St. Jude Children's Research Hospital</i> <i>Solid Tumor Conference</i> Lecture hours: 1</p>	September 2009
<p>Overview of Medulloblastoma, Ependymoma, and PNET's <i>St. Jude Children's Research Hospital</i> <i>Solid Tumor Nursing Education</i> Lecture hours: 1</p>	May 2010
<p>Withholding and Withdrawing Artificial Hydration and Nutrition <i>Children's Hospital of Pittsburgh of UPMC</i> <i>Ethics Committee Meeting</i> Lecture hours: 1</p>	October 2011
<p>Hopes, goals and expectations <i>Children's Hospital of Pittsburgh of UPMC</i> <i>Annual Bereavement Conference</i> <i>Endnote Address</i> Lecture hours: 1</p>	March 2011

<p>Advance care planning and 5 Wishes <i>Children's Hospital of Pittsburgh of UPMC</i> <i>Annual Bereavement Conference</i> Lecture hours: 1</p>	March 2012
<p>Adolescents with life-threatening disease <i>Children's Hospital of Pittsburgh of UPMC</i> <i>Adolescent and Young Adult Oncology Annual Conference</i> Lecture hours: 1</p>	April 2012
<p>Palliative care and medical genetics <i>Magee Women's Hospital of UPMC</i> <i>Medical Genetics Conference</i> Lecture hours: 1</p>	February 2013
<p>Talking with children about death <i>Children's Hospital of Pittsburgh of UPMC</i> <i>Annual Bereavement Conference</i> Lecture hours: 1</p>	April 2013
<p>Pediatric palliative care: advanced symptom management <i>Children's Hospital of Pittsburgh of UPMC</i> <i>Internal Medicine-Pediatrics Residency Program End of Life Care Special Seminar</i> Lecture hours: 1</p>	November 2013
<p>Advance Care Planning <i>Children's Hospital of Pittsburgh of UPMC</i> <i>Annual Bereavement Conference</i> Lecture hours: 1</p>	May 2014
<p>Supportive Care at Children's Hospital of UPMC <i>Children's Hospital of Pittsburgh of UPMC</i> <i>Children's Strategic Initiative Meeting</i> Lecture hours: 1</p>	November 2014
<p>Young adult healthcare & transition <i>Children's Hospital of Pittsburgh of UPMC</i> <i>Children's Strategic Initiative Meeting</i> Lecture hours: 1</p>	January 2015
<p>Symptom management in Pediatric Oncology and BMT <i>Children's Hospital of Pittsburgh of UPMC</i> <i>Hematology/Oncology and BMT Seminar</i> Lecture hours: 1</p>	January 2015
<p>Giving Bad News <i>UPMC Children's Hospital of Pittsburgh</i> <i>Unified Fellows' Course</i> Lecture hours: 1</p>	April 2015
<p>Pediatric Palliative Care <i>UPMC Children's Hospital of Pittsburgh</i> <i>1st Annual Respiratory Neonatal and Pediatric Symposium</i> Lecture hours: 1</p>	May 2015
<p>Palliative Care and Pain for Surgeons <i>UPMC Children's Hospital of Pittsburgh</i> <i>Department of Surgery Teaching Conference</i> Lecture hours: 1</p>	May 2015
<p>The Use of Interdisciplinary Care Teams in Palliative Care <i>UPMC Children's Hospital of Pittsburgh</i> <i>Child Life Conference</i> Lecture Hours: 1</p>	March 2016
<p>Climbing Out of the Gap: Meeting children and families where they are <i>Children's Hospital of Pittsburgh of UPMC</i> <i>Annual Bereavement Conference</i> <i>Keynote Address</i> Lecture hours: 1</p>	May 2016

<p>Taking Care of Children with Life-Limiting Illness: A few things I've learned along the way <i>Children's Hospital of Pittsburgh of UPMC Hematology/Oncology and BMT Seminar</i> Lecture hours: 1</p>	June 2016
<p>ECMO Ethics in the 21st Century <i>UPMC Children's Hospital of Pittsburgh ECMO Conference</i> Lecture Hours: 1</p>	August 2016-18
<p>Palliative Care for Surgeons: Focus on Communication <i>UPMC Children's Hospital of Pittsburgh Department of Surgery</i> Lecture hours: 2</p>	July 2018
<p>Beyond Opioids: Management of Total Pain <i>UPMC Children's Hospital of Pittsburgh APP Appreciation Week Lecture</i> Lecture hours 1</p>	October 2019

Extramural Seminars:

Local:

<p>Neonatal palliative care, bereavement, and grief <i>Annual Babies from the NICU Preemie Conference Parents Resource Network Pittsburgh, PA</i> Lecture hours: 1</p>	October 2011
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<p>The ethics of treating neonatal pain <i>University of Pittsburgh Center for Bioethics and Health Law Annual Medical Ethics Update</i> Lecture hours: 1</p>	April 2014
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<p>EMTalk Communication course for Emergency Medicine Residents <i>Allegheny General Hospital Pittsburgh, PA</i> Lecture hours 8</p>	July 2019
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<p>Honoring a Patient's Wishes at End-of-Life <i>Western Pennsylvania School for the Blind Pittsburgh, PA</i> Lecture hours 1</p>	October 2019
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<p>Perinatal Palliative Care <i>UPMC Magee Women's Hospital 17th Annual Perinatal & Neonatal Health Care Conference Pittsburgh, PA</i> Lecture hours 1</p>	November 2019
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Regional:

<p>Pediatric hospice and palliative care: pain and symptom management <i>Presentation to Pennsylvania Medicaid providers Harrisburg, PA</i> Lecture hours: 1</p>	October 2010
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<p>Decision making support for families and children with life-limiting illness <i>Pennsylvania Pediatric Palliative Care Coalition Statewide Educational Conference Keynote Address</i> Lecture hours: 1</p>	November 2015
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<p>Pain Management in Pediatrics <i>Cole Memorial Hospital of UPMC Telelecture</i> Lecture Hours 1</p>	January 2018
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<p>How to Make Difficult Decisions in Pediatric Palliative Care <i>Pennsylvania Pediatric Palliative Care Coalition Education Series</i> <i>Erie, PA</i> <i>Lecture hours 1.5</i> <i>Workshop hours 1.5</i></p>	April 2018
<p>Talking to Children about Death <i>Hospice of Crawford County Educational Conference</i> <i>Breakout Session</i> <i>Meadville, PA</i> <i>Lecture hours 2</i></p>	October 2019
<p>Sharing the Human Experience <i>Hospice of Crawford County Educational Conference</i> <i>Keynote Address</i> <i>Meadville, PA</i> <i>Lecture hours 2</i></p>	October 2019
<p>National: Bereavement care in pediatrics: care begins at referral <i>National Hospice and Palliative Medicine Organization</i> <i>Annual Conference.</i> <i>Orlando, FL</i> <i>Lecture hours: 1</i></p>	November 2012
<p>Challenges and opportunities in caring for children in a primarily adult hospice <i>American Academy of Hospice and Palliative Medicine</i> <i>National Conference</i> <i>New Orleans, LA</i> <i>Lecture hours: 1</i></p>	March 2013
<p>Perinatal Palliative Care: Providing Care to our Smallest Patients <i>2017 Perinatal Bereavement and Palliative Care Conference</i> <i>Virtua Health Systems</i> <i>Voorhees, NJ</i> <i>Lecture hours 1</i></p>	March 2017
<p>Decision Making in Pediatric Palliative Care <i>Coalition for Compassionate Care of California</i> <i>Webinar</i> <i>Lecture hours 1</i></p>	February 2018
<p>Perinatal Palliative Care Case Conference <i>American Academy of Hospice and Palliative Medicine</i> <i>National Meeting</i> <i>Lecture hours 0.5</i></p>	March 2018
<p>Advanced Symptom Management and End of Life Care <i>American Society of Pediatric Hematology Oncology</i> <i>National Meeting</i> <i>Lecture hours 1.5</i></p>	May 2018
<p>Communication Skills Workshop <i>St. Jude Children's Research Hospital Pediatric Palliative Oncology Symposium</i> <i>Memphis, TN</i> <i>Lecture hours 4</i></p>	September 2018
<p>Advanced Communication Skills <i>St. Jude Children's Research Hospital Pediatric Palliative Oncology Symposium</i> <i>Memphis, TN</i> <i>Lecture hours 4</i></p>	September 2019
<p>International: Building Bridges: Integrating Palliative Care Across the Spectrum of Care <i>Children's Hospital of Eastern Ontario Bi-Annual Palliative Care Symposium</i> <i>Ottawa, Ontario, Canada</i> <i>Keynote Address</i></p>	October 2018

Resident/Fellow/APP Teaching Conferences:

<p>Communicating with Children and Families at the End-of-Life <i>University of Pittsburgh School of Medicine</i> <i>Pediatric Resident Noon Conference</i> Cumulative lecture hours: ~5</p>	<p>2010-Present Given annually</p>
<p>Pain Management at the End-of-Life <i>University of Pittsburgh School of Medicine</i> <i>Pediatric Resident Noon Conference</i> Cumulative lecture hours: ~5</p>	<p>2011-Present Given annually</p>
<p>Pediatric palliative care <i>University of Pittsburgh School of Medicine</i> <i>Pediatric Anesthesia Fellows Conference</i> Cumulative lecture hours: ~4</p>	<p>2011-Present Given annually</p>
<p>Management of Non-Pain Symptoms at the End-of-Life <i>University of Pittsburgh School of Medicine</i> <i>Medicine - Pediatric Resident Noon Conference</i> Cumulative lecture hours: ~1/year</p>	<p>February 2012 July 2016</p>
<p>Pediatric palliative care <i>University of Pittsburgh School of Medicine</i> <i>Child Psychiatry Fellowship Seminar</i> Cumulative lecture hours: ~2</p>	<p>2013-Present Given annually</p>
<p>Hepatoblastoma <i>University of Pittsburgh School of Medicine</i> <i>Pediatric Hematology/Oncology Fellow Lecture Series</i> Cumulative lecture hours: ~1</p>	<p>April 2014</p>
<p>Introduction to Supportive Care <i>University of Pittsburgh School of Medicine</i> <i>Pediatric Hematology/Oncology Fellow Lecture Series</i> Cumulative lecture hours: ~1/year</p>	<p>July 2014-2017 Given annually</p>
<p>Pain Management <i>University of Pittsburgh School of Medicine</i> <i>Pediatric Hematology/Oncology Fellow Lecture Series</i> Cumulative lecture hours: ~1/year</p>	<p>September 2014 Given annually</p>
<p>PCA Management <i>University of Pittsburgh School of Medicine</i> <i>Pediatric Hematology/Oncology Fellow Lecture Series</i> Cumulative lecture hours: ~1</p>	<p>November 2017 given annually</p>
<p>Pain Management <i>University of Pittsburgh School of Medicine</i> <i>Department of Pediatrics</i> <i>Intern boot camp</i> Cumulative lecture hours: 1/year</p>	<p>August 2016 given annually</p>
<p>Palliative Care in the NICU <i>University of Pittsburgh School of Medicine</i> <i>NICU Fellow Education Series</i> Cumulative lecture hours: 1</p>	<p>February 2018</p>
<p>Bereavement Care for NICU Families <i>University of Pittsburgh School of Medicine</i> <i>NICU Fellow Education Series</i> Cumulative lecture hours: 1</p>	<p>September 2018</p>
<p>Pain Management <i>UPMC Children's Hospital of Pittsburgh</i> <i>APP Bootcamp</i> Cumulative lecture hours 3/year</p>	<p>October 2018 Given 3 times per year</p>

TEACHING TRAINEES:

Master of Education thesis committees:

1. Michelle Freeman, MD. “Establishing Consensus with the Delphi Technique: Priorities for Pediatric Palliative Care *Fast Facts and Concepts* Content for the Education of Pediatric Interns.” University of Pittsburgh School of Medicine. May 2014.
2. Michael Barnett, MD. “Pediatric Palliative Care Curriculum: Impact of ‘Pain Cards’ on Pediatric Resident Education.” University of Pittsburgh School of Medicine. June 2012.
3. Amanda Brown, MD. “Disclosing medical errors effectively: A Curriculum for pediatric residents.” University of Pittsburgh School of Medicine. Feb 2019.

Masters of genetic counseling committees:

1. Megan Hager. “Assessing Perinatal Palliative Care Education within Genetic Counseling Programs.” University of Pittsburgh School of Medicine, Department of Human Genetics. May 2018.

Ph.D. committees:

1. Susan Thrane, MSN, RN. University of Pittsburgh School of Nursing. 2013-2015.

Medical students, house staff physicians, fellows, and junior faculty:

Medical Students

<i>Name of Student</i>	<i>Type of Service to Student</i>	<i>Years</i>
John Kelly	Dean’s Summer Research Project Mentor Scholarly Project Mentor <i>*Project was presented at Pediatric Academic Society Annual Meeting and published</i>	2013-2016
Chelsea Meenan	Dean’s Summer Research Project Mentor <i>*This project received a merit award from the dean of the School of Medicine</i> Scholarly Project Mentor <i>*This project received a Certificate of Merit for Excellence from the Scholarly Research Project Directors</i> <i>*Project was presented at ASPHO’s national meeting and published</i>	2015-2018
Laura McNamara	Scholarly Project Mentor <i>*This project was awarded a scholarship for best palliative care research proposal by a medical student and was published</i>	2016- 2020
Andrew Abboud	Research Project Mentor <i>*Mentored in student led educational initiative which was presented at Pediatric Academic Society and the Society of General Internal Medicine</i>	2017-2018
Tyler Miller	Scholarly Project Mentor	2019-Present

Pediatric Residents

<i>Name of Resident</i>	<i>Type of Service to Resident</i>	<i>Years</i>
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Brittani Seynnaeve, MD	Pediatric resident faculty mentor <i>*Resident matched in Pediatric Hematology/Oncology Fellowship at UPMC Children's Hospital of Pittsburgh</i>	2011-2014
Kendra Woods, MD	Research project mentor <i>*Project was presented at Pediatric Academic Society's Annual Meeting</i>	2011-2014
Matthew Taylor, MD	Research project mentor <i>*Project was selected for platform presentation at Pediatric Academic Society's Annual Meeting and Published</i>	2011-2014
Allison Close, MD	Pediatric resident faculty mentor <i>*Resident matched in Pediatric Hematology/Oncology Fellowship at UPMC Children's Hospital of Pittsburgh</i>	2013-2016
Jessica Wallisch, MD	Research Project Mentor <i>*Project was presented at Critical Care Medicine's Annual Meeting</i>	2014-2017
Laura Agresta, MD	Continuity Clinic Mentor (pediatric oncology clinic) <i>*Resident matched in Pediatric Hematology/Oncology Fellowship at Cincinnati Children's Hospital</i>	2014-2015
Rebecca Epperly, MD	Pediatric resident faculty mentor <i>*Resident matched in Pediatric Hematology/Oncology Fellowship at St. Jude Children's Research Hospital</i>	2015-2017
Lindsay Proud, MD	Continuity clinic mentor (pediatric oncology clinic) <i>*Resident matched in Pediatric Hematology/Oncology Fellowship at St. Jude Children's Research Hospital</i>	2015-2016
Lauren Jacobs, MD	Continuity clinic mentor (pediatric oncology clinic)	2016-2017
Katrina O'Halloran, MD	Continuity clinic mentor (pediatric oncology clinic) <i>*Resident matched in Pediatric Hematology/Oncology Fellowship at Children's Hospital of Los Angeles</i>	2017-2018
Michelle Perry, MD	Research project advisor/mentor	2018-2019
Adam Sinder, MD	Pediatric resident faculty mentor	2018-Present
Stephanie Parry, MD	Pediatric resident faculty mentor	2018-Present
Cathal Delaney, MD	Career mentorship QI/research project mentor <i>*Project was selected for presentation at AAHPM</i>	2018-Present
Hannah Reuman, MD	Research Project Mentor	2020-Present

Fellows

<i>Name of Fellow</i>	<i>Discipline</i>	<i>Type of Service to Fellow</i>	<i>Years</i>
Nitya Bakshi, MD	Pediatric Hematology/Oncology	Scholarship Oversight Committee member	2011-2014
Paul Finch, MD	Pediatric Hematology/Oncology	Scholarship Oversight Committee member	2012-2015
Rachel Courtney, DO	Pediatric Hematology/Oncology	Scholarship Oversight Committee member	2012-2015

Angela Girvin, MD	Pediatric Hematology/Oncology	Primary research mentor and Scholarship Oversight Committee member	2013-2016
Erin Johnson, MD	Pediatric Critical Care Medicine	Research mentor and Scholarship Oversight Committee member	2014-2016
Traci Kazmerski, MD	Pediatric Pulmonology	Quality improvement research project mentor <i>*Project was presented at North American Cystic Fibrosis Conference and published</i>	2014-2016
Danielle Bell, MD	Pediatric Hematology/Oncology	Scholarship Oversight Committee member	2015-2017
Jessica MacCormac, MD	Adolescent Medicine	Scholarship Oversight Committee member	2015-2018
Justin Yu, MD	Hospice and Palliative Medicine	Research project mentor (on committee) <i>*Fellow received a T-32 training grant to continue research</i>	2016-2018
Lindsay Blazin, MD	Pediatric Hematology/Oncology (St. Jude Children's Research Hospital)	Scholarship Oversight Committee Member	2016-Present
Allison Close, MD	Pediatric Hematology/Oncology	Clinic Mentor	2016-2019
Michael Certo	Critical Care Medicine	Research Mentor Scholarship Oversight Committee Member	2020-Present

Faculty

<i>Name of Faculty</i>	<i>Discipline</i>	<i>Type of Service to Faculty</i>	<i>Years</i>
Amanda Brown, MD	Pediatric Hospice and Palliative Medicine	Thesis committee member Career mentoring Faculty Mentoring Committee member Direct clinical and academic supervisor	2017-Present
Steven Allen, MD	Pediatric Hematology/Oncology	Junior Faculty Mentoring Committee member	2017-Present
Justin Yu, MD	Pediatric Hospice and Palliative Medicine	Research mentorship & collaboration Direct clinical supervisor	2018-Present
Allison Fleischer, MD	Pediatric Hospital Medicine	Junior Faculty Mentoring Committee member	2018-Present
Christine Bishop, MD	Neonatal Medicine	Faculty Mentorship	2019-Present
Matthew Valente, MD	Pediatric Hospital Medicine	Junior Faculty Mentoring Committee member	2020-Present

RESEARCH:**Research Funding:**

Title: a pilot study investigating feasibility and utility of telemedicine for children enrolled in home hospice		
AJ & Sigismunda Palumbo Trust Percent effort of time: 5%	Role in Project: Principal Investigator	2015-2016 Total Funding: \$50,000
Title: Pediatric PRO-CTCAE: a self-reporting system of adverse events for children with cancer		
Jonathan M. Huoy Research Grant Percent effort of time: 5%	Role in Project: Co-Investigator	2015-2016 Total Funding: \$30,000
Title: The Child-Centered Outcomes in Practice and Research (COPR) Center of Excellence: Strengthening the Clinical Validity Evidence Base for PROMIS Measures in Chronically Ill Children		
National Institutes of Health PTE Federal Award No: 1U19AR069525-01 (Subaward: 2832076) Percent effort of time: 5%	National Institutes of Health PTE Federal Award No: 1U19AR069525-01 (Subaward: 2832076) Percent effort of time: 5%	National Institutes of Health PTE Federal Award No: 1U19AR069525-01 (Subaward: 2832076) Percent effort of time: 5%
Title: Promoting Resilience in Stress Management (PRISM) in Adolescents and Young Adults with Advanced Cancer		
AJ & Sigismunda Palumbo Trust Percent effort of time: 5%	Role in Project: Site Principal Investigator	2020-2022 Total Funding: \$40,000

Programmatic Funding for the Supportive Care Program:

Source	Cumulative Amount	Year
Matt's Hugs	\$40,000	2013 & 2014
Maggie's Miracles	\$10,000	2014
Anonymous Donor	\$5,000	2014
Anonymous Donor	\$100,000	2013 & 2015
Miracles for Maggie Endowed Fund	\$200,000	2017-Present
Lioon Family Endowed Fund	\$100,000	2018-Present
John and Catharine Ryan support for Clinical Research	\$341,000	2019-2021
John and Catharine Ryan Endowed Fund	\$2,200,000	2019-Present
McElhattan Foundation (for Pediatric Palliative Care fellow)	\$300,000	2020-2023

SEMINARS and INVITED LECTURESHIPS RELATED TO RESEARCH**Podium Presentations:****Local:**

Delivering Serious News in Pediatric Emergency Medicine (PEM): A Formal Communication Course for Physicians. February 2020
Rita M. Patel GME Leadership Conference.
Pittsburgh, PA

National:

Withdrawal of life-sustaining treatment in the pediatric intensive care unit: an analysis of practice patterns at the end of life February 2008
American Academy of Hospice and Palliative Medicine National Conference
Research Presentation Seminar
Tampa, FL

Bereavement care in pediatrics: care begins at referral <i>National Hospice and Palliative Medicine Organization Annual Conference. Orlando, FL</i>	November 2012
Challenges and opportunities in caring for children in a primarily adult hospice <i>American Academy of Hospice and Palliative Medicine National Conference New Orleans, LA</i>	March 2013
Ketamine PCA for treatment of end-of-life neuropathic pain in pediatrics <i>Pediatric Academic Society Annual Assembly Platform Presentation Vancouver, BC.</i>	May 2014
The Importance of Advance Care Planning for Children with Advanced Cystic Fibrosis. <i>North American Cystic Fibrosis Conference. Phoenix, AZ.</i>	October 2015
Religion, Spirituality and Medicine: Impact of an Educational Intervention for Medical Students and Physicians <i>Religion & Medicine Annual Conference St. Louis, MO</i>	April 2018
Teaching residents how to make a spiritual assessment: a quality improvement project. <i>American Academy of Hospice and Palliative Medicine Annual Assembly San Diego, CA</i>	Accepted for March 2020
International: Death and Dying: A One Day Course to Enhance Pediatric Resident Education <i>21st International Congress on Palliative Care. Montréal, Canada</i>	October 2016
Only You Would Know: Bereaved Parent Volunteers Offering Support to Recently Bereaved Parents <i>21st International Congress on Palliative Care. Montréal, Canada</i>	October 2016

Poster Presentations:

Local: Disclosing Medical Errors: A Skill-Based Workshop for Pediatric Residents <i>University of Pittsburgh School of Medicine Med Ed Day *Awarded best research poster</i>	September 2019
Regional: Using Magnetic Resonance Imaging to Identify alterations in Brain Morphology in Female Survivors of Childhood Abuse with Posttraumatic Stress Disorder <i>Ohio Academy of Science Annual Conference Athens, OH</i>	April 1999
Memory Deficits in Women Suffering from Posttraumatic Stress Disorder Resulting from Child Abuse <i>Ohio Academy of Science Annual Conference Athens, OH</i>	April 1999

National:

Using Neuropsychological Tests and Magnetic Resonance Imaging to Identify Memory Deficits and Changes in Brain Morphology in Women Suffering from Posttraumatic Stress Disorder Secondary to Child Abuse <i>Society for Neuroscience National Conference New Orleans, LA</i>	November 2000
Memory Deficits and Hippocampal Atrophy in Posttraumatic Stress Disorder Secondary to Child Abuse <i>National Conference for Undergraduate Research National Conference Lexington, KY</i>	June 2001
Integration of a Pediatric Bereavement Program within a Level 1 Pediatric Trauma Program <i>John M. Templeton Jr. Pediatric Trauma Symposium. Philadelphia, PA</i>	March 2012
Improving Communication at End of Life through Medical Education <i>Society for Critical Care Medicine Annual Conference. San Francisco, CA</i>	January 2014
Assessment of the spiritual needs of primary caregivers of children with life-limiting illnesses is valuable yet inconsistently performed in the hospital <i>Pediatric Academic Society Annual Assembly Vancouver, BC</i>	May 2014
Bacteremia Associated Morbidity and Mortality in Childhood Acute Myelogenous Leukemia <i>Pediatric Academic Society Annual Assembly Vancouver, BC</i>	May 2014
Advance care planning in CF: a quality improvement project. <i>North American Cystic Fibrosis Conference Phoenix, AZ</i>	October 2015
Morbidity associated with obesity during the pre-maintenance treatment phase for children with ALL. <i>ASPHO Annual Meeting Minneapolis, MN</i>	May 2016
Religion, Spirituality and Medicine: Impact of an Educational Intervention for Medical Students and Physicians <i>Society of General Internal Medicine Annual Meeting Denver, CO</i>	April 2018
Religion, Spirituality and Medicine: Impact of an Educational Intervention for Medical Students and Physicians <i>Pediatric Academic Society Annual Assembly Toronto, ON</i>	May 2018
International: Reiki Therapy for Symptom Management in Children Receiving Palliative Care <i>21st International Congress on Palliative Care. Montréal, Canada</i>	October 2016
Feasibility and Acceptability of a Reiki Therapy Intervention for Children Receiving Palliative Care. <i>21st International Congress on Palliative Care Montréal, Canada</i>	October 2016
Mixed Histiocytosis Rosai-Dorfman Disease (R-Group) and Langerhans Cell Histiocytosis (L-Group) with Simultaneous Expression of BRAF-V600E Mutation and Response to Dabrafenib. <i>34th Annual Meeting of the Histiocyte Society Lisbon, Portugal.</i>	October 2018

- Assessing how a child with cancer functions using patient-reported and objective physical activity data. October 2019
International Society of Quality of Life Research.
San Diego, CA. 2019.
- Responsiveness of PROMIS® Pediatric measures to changes in health-related quality of life among children and adolescents undergoing treatment for cancer October 2019
International Society of Quality of Life Research.
San Diego, CA. 2019.

LIST OF CURRENT RESEARCH INTERESTS:

- A Pilot Study to Evaluate the Effects of Vaccinations with HLA-A2-Restricted Glioma Antigen-Peptides in Combination with Poly-ICLC for Children with Newly Diagnosed Malignant or Intrinsic Brain Stem Gliomas (BSG) or Non-Brainstem High-Grade Gliomas (HGG) or Recurrent Unresectable Low-Grade Gliomas (LGG) or Recurrent High Grade Gliomas. 2014-Present
Co-Investigator, Served as interim Principal Investigator from 2014-2015, 2016-2017
University of Pittsburgh School of Medicine, Department of Pediatrics.
- A Pilot Study to Evaluate the Effects of Vaccinations with HLA-A2 Restricted Tumor Antigen Peptides in Combination with Imiquimod for Children with Recurrent Ependymoma. 2014-Present
Co-Investigator, Served as interim Principal Investigator from 2014-2015, 2016-2017
University of Pittsburgh School of Medicine, Department of Pediatrics.
- Pediatric Patient-Reported Outcome (PRO) Research Network: 2015-Present
 -Validation Study of Pediatric Patient Reported Outcomes (PRO) in Children with Cancer
 - The Child-Centered Outcomes in Practice and Research (COPR) Center of Excellence: Strengthening the Clinical Validity Evidence Base for PROMIS Measures in Chronically Ill Children
Local PI 2015- Present
University of Pittsburgh School of Medicine in conjunction with Duke University School of Medicine
- Investigating Caregiver Preferences for the Provision of Spiritual Care Using Qualitative Measures 2016-Present
Faculty Mentor of Student PI Laura McNamara
University of Pittsburgh School of Medicine
- Improving Education of Medical Students with Regard to Assessing and Providing Spiritual Support 2017-Present
Faculty Mentor of PI Krissy Moehling, PhD
University of Pittsburgh School of Medicine
- Evaluating the feasibility of using a multiplayer role-playing game as a depression/social isolation intervention in adolescent patients with cystic fibrosis 2019-Present
Co-Investigator
University of Pittsburgh
- The Promoting Resilience in Stress Management (PRISM) Intervention: a multi-site randomized controlled trial for Adolescents and Young Adults with advanced cancer 2019-Present
Local PI
University of Pittsburgh School of Medicine in conjunction with University of Washington School of Medicine

Refereeing for Journals

Supportive Care in Cancer
 Journal of Palliative Medicine

Pediatric Blood and Cancer
Biology of Blood and Bone Marrow Transplantation
Pediatrics
Journal of Pain and Symptom Management

SERVICE:

University and Medical School:

Pediatric Residency Oversight Committee <i>Member</i> <i>University of Washington, Department of Pediatrics</i>	2004-2007
Division of Palliative and End-of-Life Care, End of Life working group <i>Chair</i> <i>St. Jude Children's Research Hospital</i>	2007-2010
Division of Palliative and End-of-life Care, Program Planning Committee <i>Member</i> <i>St. Jude Children's Research Hospital</i>	2007-2010
St. Jude Day of Remembrance Planning Committee <i>Member</i> <i>St. Jude Children's Research Hospital</i>	2008-2010
University of Pittsburgh Perinatal Palliative Care Program <i>Co-Founder</i>	2011-Present
Pediatric Resident Wellness Committee <i>Member</i>	2011-2017
Children's Hospital of Pittsburgh of UMPC Ethics Committee <i>Member</i>	2012-Present
Pediatric Hematology/Oncology Fellow Balint Committee <i>Co-Facilitator</i>	2013-2018
Transition of Medically Complex Patient's Planning Committee <i>Member</i>	2014
Medical Directors Committee <i>Member</i>	2014- 2018
UPMC Pharmacy & Therapeutics Pain Management Advisory Committee <i>Member</i>	2014- 2018
UPMC Children's Hospital of Pittsburgh Pharmacy & Therapeutics Committee <i>Member</i>	2014- Present
UPMC Children's Hospital of Pittsburgh Physician Leadership Committee <i>Member</i>	2018- Present
Children's Hospital of Pittsburgh Foundation Employee Giving Campaign <i>Co-Chair</i>	2018-Present
UPMC Children's Hospital of Pittsburgh COVID-19 Incident Command Center Response Team <i>Medical Triage Division Member</i>	2020-Present