

Patricia Lynne McGuire Cullen, PhD, CPNP-PC
Professor and Assistant Dean for Graduate Programs
Loretto Heights School of Nursing
Rueckert-Hartman College for Health Professions
Regis University
3333 Regis Blvd. (G-8)
Denver, Colorado 80221-1099

Contact Information:

(303) 964-5132 (Phone)

(303) 964-5324 (FAX)

pcullen@regis.edu

Personal Data:

Married (John W. Cullen, MD)

Education:

Doctor of Philosophy (PhD) (Cum Laude) University of Northern Colorado Greeley, Colorado Nursing Education (Major) Applied Statistics and Research Methods (Minor) Dissertation: Functional Status and Quality-of-Life in Children Undergoing Treatment for Standard-Risk Medulloblastoma: Assessment, Evaluation and Implications for Intervention (Deborah Leners, PhD, Advisor)	2008
Pediatric Nurse Practitioner Post-Masters Certificate (PNP) University of Colorado School of Nursing Denver, Colorado Pediatric Primary Care	1987
Masters of Arts (MAEd) (Cum Laude) University of Kansas Lawrence, Kansas Nursing Education (Major) Thesis: Development, Implementation, and Evaluation of a Home Therapy Program for Children with Hemophilia (Robert Ridgeway, EdD, Advisor)	1983
Bachelor of Science (BS) (Cum Laude) University of California School of Nursing San Francisco, California Nursing (Major)	1972

Licensure and Certification:

Basic Life Support for Health Professionals (BLS) American Heart Association Inactive	2007
Advanced Practice Nurse (APRN) Nurse Practitioner (NP) Colorado State Board of Nursing (APN.41-NP) Active	1998
Prescriptive Authority Nurse Practitioner Colorado State Board of Nursing (#RXN-99-243) Active	1998
Pediatric Advanced Life Support (PALS) American Heart Association Inactive	1993
Oncology Nursing Certification Corporation Certified Pediatric Oncology Nurse (CPON) Inactive	1993
Pediatric Nursing Certification Board Pediatric Nurse Practitioner – Primary Care Rockville, Maryland Active	1987
Registered Nurse (RN) Colorado State Board of Nursing (#86711) Active	1987

Employment History:

Assistant Dean Graduate Programs Loretto Heights School of Nursing Rueckert-Hartman College for Health Professions Regis University Denver, CO Responsibilities include administrative responsibility and oversight of all doctoral and master's level programs in the School of Nursing, supervision of 12 ranked faculty, student advising, participation in Nursing Faculty Organization, Post-Licensure Curriculum Committee, and	2019-Present
--	--------------

College/University level committees and task forces. Teaching responsibilities include doctoral research course, assisting with doctoral statistic course, coordination, supervision, and oversight of doctoral capstone course, and undergraduate lecturing in the areas of oncology and cytogenetics.

Director

Doctor of Nursing Practice and Nurse Practitioner Programs 2013-2019
Loretto Heights School of Nursing
Rueckert-Hartman College for Health Professions
Regis University
Denver, CO

Responsibilities include administrative responsibility and oversight for doctoral and master's level programs in advanced practice nursing, supervision of faculty unit consisting of 10 ranked faculty, student advising, and serving as coordinator for DNP Capstone Projects, participation in Nursing Faculty Organization, and Post-Licensure Curriculum Committee. Teaching responsibilities include doctoral research course, assisting with doctoral statistic course, coordination, supervision, and oversight of doctoral capstone course, and undergraduate lecturing in the areas of oncology and cytogenetics.

Director

2009-2013

Department of Accelerated Nursing
Loretto Heights School of Nursing
Rueckert-Hartman College for Health Professions
Regis University
Denver, Colorado

Responsibilities include administrative responsibility and oversight for the Department of Accelerated (Second-Degree) Pre-Licensure BSN Program, supervision of faculty unit consisting of 14 ranked faculty, oversight and supervision of Clinical Learning Unit (including skills and simulation laboratories), advising of Accelerated nursing students, participation in Nursing Faculty Organization, Faculty Development Committee, and coordination of Partners in Education Team. Teaching responsibilities include doctoral research course and lecturing in pre-licensure and post-licensure pediatric nursing courses and pre-licensure advanced medical-surgical nursing courses.

Professor

2013-Present

Loretto Heights School of Nursing
Rueckert-Hartman College for Health Professions
Regis University
Denver, Colorado

Responsibilities include teaching pre-licensure and post-licensure courses focusing primarily on pediatric nursing, pediatric primary care, research methods, and advanced practice nursing professional development, participation in Nursing Faculty Organization, Faculty Development Committee, Post-Licensure Curriculum Committee, and representing the School of Nursing on the College Committee on Rank.

Associate Professor

2008-2013

Loretto Heights School of Nursing
Rueckert-Hartman College for Health Professions
Regis University
Denver, Colorado

Responsibilities included teaching pre-licensure and post-licensure courses focusing primarily on pediatric nursing, pediatric primary care, research methods, and advanced practice nursing professional development, participation in Nursing Faculty Organization, and Chair of Student Affairs Committee.

Assistant Professor

2003-2008

Loretto Heights School of Nursing
Rueckert-Hartman College for Health Professions
Regis University
Denver, Colorado

Responsibilities included teaching pre-licensure and post-licensure courses focusing primarily on pediatric nursing, pediatric primary care, research methods, and advanced practice nursing professional development, participation in Nursing Faculty Organization, Chair or Student Affairs Committee and member of Quality and Evaluation Committee.

Research Compliance Auditor and Quality Assurance Monitor

2006-2009

Children's Oncology Group
Arcadia, California

Responsibilities included conducting research compliance audits for participating institutions in the nationally-funded pediatric oncology clinical trials consortium. Audits were conducted every three years or earlier as indicated and included comprehensive case reviews of patients enrolled on oncology clinical trials, review of all human subjects' institutional review board policies and procedures, and evaluation of institutional investigational drug management in the site pharmacies.

Pediatric Nurse Practitioner/Research Nurse

1992-2003

Childhood Hematology-Oncology Associates
Rocky Mountain Children's Cancer Center
Presbyterian-St. Luke's Medical Center
Denver, Colorado

Responsibilities included direct inpatient and outpatient care of pediatric, adolescent, and young adult patients with oncologic and hematologic diseases. Acute care responsibilities included daily rounding, physical examinations, preparation of orders for complex chemotherapy, dictation of discharge summaries, communication with consultants and referring physicians, management of complications of therapy, performance of bone marrow aspirations, biopsies, diagnostic and therapeutic lumbar punctures, night and weekend call.

Clinical Nurse Specialist/Pediatric Nurse Practitioner

1987-1992

Division of Oncology/Hematology

The Children's Hospital Denver, Colorado

Responsibilities included direct inpatient and outpatient care of pediatric, adolescent, and young adult patients with oncologic and hematologic diseases. Acute care responsibilities included daily rounding, physical examinations, preparation of orders for complex chemotherapy, dictation of discharge summaries, communication with consultants and referring physicians, management of complications of therapy, performance of bone marrow aspirations, biopsies, diagnostic and therapeutic lumbar punctures, monthly orientation of pediatric residents on rotation, night and weekend call.

Clinical Nurse Specialist/Pediatric Nurse Practitioner

1980-1987

Section of Hematology-Oncology

Children's Mercy Hospital

Kansas City, Missouri

Responsibilities included direct inpatient and outpatient care of pediatric, adolescent, and young adult patients with oncologic and hematologic diseases. Acute care responsibilities included daily rounding, physical examinations, preparation of orders for complex chemotherapy, communication with consultants and referring physicians, management of complications of therapy, performance of bone marrow aspirations, biopsies, diagnostic and therapeutic lumbar punctures, monthly orientation of pediatric residents on rotation, coordination of section advanced practice nurses, and continuing education of staff.

Nursing Education Consultant

Educational Resources, Inc.

1983-1986

Kansas City, Kansas

Responsibilities included conducting comprehensive reviews of pediatric nursing content for nursing school graduates preparing for national nursing licensing examination (NCLEX). Review sessions were conducted throughout the Midwestern states (Missouri, Kansas, Iowa, Nebraska, Arkansas and Oklahoma).

Clinical Instructor, Senior Pediatrics

1974-1980

St. Luke's Hospital School of Nursing/Webster University

Kansas City, Missouri

Responsibilities included preparation and delivery of advanced pediatric nursing didactic content and clinical supervision of senior nursing students at Children's Mercy Hospital in the pediatric intensive care, oncology, and emergency departments.

Staff Nurse, Emergency Department

1974-1980

Children's Mercy Hospital

Kansas City, Missouri

Responsibilities included assessment, planning, intervention, and evaluation of care delivered to patients in a busy Level I pediatric emergency department and trauma center. This role consisted of 25% of a full-time equivalent during the academic year and full-time status during summer school holidays.

Staff Nurse, Pediatrics and Pediatric Intensive Care 1972-1974

Moffitt Hospital
University of California Medical Center
San Francisco, California

Responsibilities included assessment, planning, intervention, and evaluation of care delivered to complex pediatric patients at a Level I academic medical center. Typical diagnoses cared for included complex congenital cardiac disease, complex pulmonary conditions such as cystic fibrosis and bronchopulmonary dysplasia, complex renal conditions including acute renal failure and renal transplantation, complex neurological conditions, and complex hematologic and oncologic conditions.

Other Academic Appointments:

Assistant Clinical Professor 2002-2009

Department of Pediatrics
University of Colorado School of Medicine
Aurora, Colorado

Clinical Instructor of Nursing 1999-2003

Graduate Program
University of Colorado College of Nursing

Affiliated Faculty, Graduate Division 1984-1987

School of Nursing
University of Missouri-Kansas City
Kansas City, Missouri

Honors and Awards:

Reuckert-Hartman College for Health Professions 2022
Publication of the Year Award

Colorado Nurses Foundation 2020
Nightingale Luminary Award

Rueckert-Hartman College for Health Professions 2019
Regis University
Sustained Scholarship Award

American Association of Nurse Practitioners Colorado NP Award for Excellence	2017
Regis University Faculty Research Award	2015
Doris J. Biester Award for Outstanding Leadership Sigma Theta Tau International Nursing Honor Society Alpha Kappa Chapter at Large Denver, CO	2014
Outstanding Dissertation Award University of Northern Colorado Greeley, Colorado	2008
Dean's Citation for Excellence (Outstanding Doctoral Student) University of Northern Colorado Greeley, Colorado	2008
Lederle Laboratories Excellence in Pediatric Oncology Nursing Award National Association of Pediatric Oncology Nurses	1992

Scholarly Activities: Publications:

Refereed Publications:

Cullen PL. Interprofessional Collaborative Management of the Oncology Patient in *Primary Care: A Collaborative Practice, 7th edition* (Butaro, Trybulski, Bailey, and Sandberg-Cook, editors). Mosby Elsevier, (In Press, 2024).

Michalski JM, Janss AJ, Vezina G, Smith KS, Billups CA, Burger PC, Embry LM, **Cullen PL**, Hardy KK, Pomery SL, Bass JK, Perkins SM, Merchant TA, Colte PD, Fitzgerald TJ, Booth TN, Cherlow JM, Muraszko KM, Hadley J, Kumar R, Han Y, Tarbell NJ, Fouladi M, Pollack IF, Packer RJ, Li Y, Gajjar A, and Northcott PA Children's Oncology Group phase III trial of reduced-dose and reduced-volume radiotherapy with chemotherapy for newly diagnosed average-risk medulloblastoma. *Journal of Clinical Oncology* (2021). 39 (24), 2685-2697

Michalski J, Li Y, Northcott P, Vezina G, Billups C, Burger P, **Cullen P**, Gajjar A, Fouladi M, Perkins S, Pomeroy S, Smith K, Merchant T, Fitzgerald TJ, Booth T, Hadley J, Kamar R, Tarbell N, Packer R, Janss A (2020). Impact of molecular subgroups on outcomes following radiation treatment randomizations for average risk medulloblastoma: A planned analysis of Children's Oncology

Group (COG) ACNS0331. Abstract presented and published at the American Society of Radiation Oncology, Miami, Florida, October 2020

Skeens MA, **Cullen P**, Stanek J, Hockenberry M (2019). Perspectives of childhood cancer symptom-related distress: Results of the state of the science survey. *Journal of Pediatric Oncology Nursing*, 36 (4), 287-293.

Cherlow JM, Shaw DW, Margraf LR, Bowers DC, Huang J, Fouladi M, Thomas A, Zhou T, Pollack IF, Gajjar A, Kessel S, **Cullen PL**, McMullen K, Wellons JC, Merchant TE (2019). Conformal radiation therapy for pediatric patients with low-grade glioma: Results from the Children's Oncology Group Phase II study ACNS0221. *International Journal of Radiation Oncology. Biology. Physics*. 103 (4) 861-868, March 15, 2019.

Embry L, Gioia A, Li Y, **Cullen P**, Janna A, Michalski J, Billups C, Noll R, and Hardy K (2017). Long-term impact of radiation dose and volume on intellectual functioning (IQ) for children diagnosed with medulloblastoma: A report from the Children's Oncology Group (COG). Abstract presented and published at the Society for Neuro-Oncology meeting, San Francisco. **Project received the Pediatric Clinical Research Award from SNO for 2017.**

Goldstein CL, Sheeder J, Medlin E, **Cullen P**, Hyman D, and Behbakht K. (2017). Ovarian cancer knowledge among advanced providers in a university setting. *Journal of the American Association of Nurse Practitioners 13: 5*, May 2017 (e221)

Schulte F, Russel KB, **Cullen P**, Embry L, Fay-McClymont T, Johnston D, Rosenberg AR, and Sung L. Systematic review and meta-analysis of health-related quality of life in pediatric CNS tumor survivors. (2017). *Pediatric Blood and Cancer: 00: e26442*.

Johnston DL, Gerbing R, Alonzo T, Aplenc R, Nagarajan R, Schulte F, **Cullen P**, and Sung L (2015). Patient reported outcome coordinator did not improve quality of life assessment response rates: A report from the Children's Oncology Group. *PLOS ONE: April 27, 2015*

Scaramuzzo LA, Gordils-Perez J and **Cullen PM** (2014). Getting patients active: Using national data to drive practice. *Clinical Journal of Oncology Nursing 18 (5), Supplement: 41-45*.

Johnston DL, Nagarajan R, Caparas M, Schulte F, **Cullen P**, Aplenic R, and Sung L (2013). Reasons for non-completion of health-related quality of life evaluations in pediatric acute myeloid leukemia: A report from the Children's Oncology Group. *PLOS-One 8 (9) e74549*.

Sands SA, Zhou T, O'Neil S, Allen J, **Cullen PM**, Kaleita TA, Noll R, Sklar C and Finlay JL (2012). Long-term follow-up of quality of life and neuropsychological functioning of children treated for malignant intracranial gliomas: Children's Oncology Group L-991. *Journal of Clinical Oncology*, 35: 1-8.

Madden JR, Mowry P, Gao D, **Cullen P**, and Foreman NK (2010). Creative arts therapy improves quality of life for pediatric brain tumor patients receiving outpatient chemotherapy. *Journal of Pediatric Oncology Nursing* 27: 133-145.

MacDonald TJ, Arenson EB, Ater J, Sposto R, Bevan HE, Bruner J, Deutsch M, Kurczynski E, Lauerssen T, **McGuire Cullen P**, O'Brien R, Shah N, Steinbok P, Strain J, Thomson J, Holmes E, Vezina G, Yates A, Phillips P, and Packer R. Phase II study of high-dose chemotherapy before radiation in children with newly diagnosed high-grade Astrocytoma: Final analysis of CCG study 9933. *Cancer: Journal of the American Cancer Society*, 2005; 104 (12): 2862-2870.

Wilkins RM, Cullen JW, Odom L, Jamroz BA, **McGuire Cullen P**, Fink K, Peck SD, Stevens SL, Kelly CM, and Camozzi AB. Superior survival in treatment of primary non-metastatic pediatric osteosarcoma of the extremity. *Annals of Surgical Oncology*, 2003; 10 (5): 498-507.

Hinds PS, Baggott C, DeSwarte-Wallace J, Dodd M, Haase J, Hockenberry M, Hooke C, **McGuire Cullen P**, Moore I, Roll L, and Ruccione K. Functional integration of nursing research into a pediatric oncology cooperative group: Finding common ground. *Oncology Nursing Forum*, 2003; 30 (6): 1-6.

Shiminski-Maher R, **Cullen P**, and Sansalone M. *Childhood Brain and Spinal Cord Tumors: A Guide for Families, Friends, and Caregivers*. Sebastopol, CA: O'Reilly Press; 2001.

McGuire Cullen P, Derrickson J and Potter J. Care of the child receiving radiation therapy. In: Baggott CR, Kelly KP, Fochtman D, and Foley G, eds. *Nursing Care of Children and Adolescents with Cancer*, 2nd Edition. Philadelphia, PA: W.B. Saunders Company; 2001: 116-132.

Wiley F, Ruccione K, Moore I, **McGuire Cullen P**, Fergusson J, Waskerwitz M, Perin G, Gee J and Sather H. Parents' perceptions of randomization in pediatric clinical trials. *Cancer Practice*, 1999; 7 (5): 248-255.

Zeltzer P, Boyett J, Finlay J, Albright L, Rorke L, Milstein J, Allen J, Stevens K, Stanley P, Hao L, Wisoff J, Geyer R, **McGuire Cullen P**, Stebbens J, Shurin S, and Packer R. Metastasis, stage, adjuvant treatment and residual tumor are prognostic factors for medulloblastoma in children: Conclusions of the Children's Cancer Group 921 randomized phase III trial. *Journal of Clinical Oncology*, 1999; 17 (3), 832-845.

Wisoff J, Boyett J, Berger M, Brant C, Hao L, Yates A, **McGuire Cullen P**, Turski P, Sutton L, Allen J, Packer R, and Finlay J. Current neurosurgical management and the impact of the extent of resection in the treatment of malignant gliomas of childhood: A report of the Children's Cancer Group trial CCG-945. *Journal of Neurosurgery*, 1998; 89: 52-59.

Cullen J, Cecalupo A, Smith T, **Cullen P**, Wilson K, and Arenson E. Intensive chemotherapy (CT) without irradiation (XRT) for poor-prognosis Wilms' tumor (WT). *Medical and Pediatric Oncology*, 1996; 27 (4): 340.

Cullen J, Smith T, Wilkins R, Cecalupo A, **Cullen P**, and Arenson E. Dose and time-intensive chemotherapy for Ewing's sarcoma. *Medical and Pediatric Oncology*, 1996; 27 (4): 317.

Cullen PM, Arenson E, Smith T, and Cullen J. An innovative outpatient articulation program for hospital-based pediatric oncology nurses. *Medical and Pediatric Oncology*, 1996; 27 (4): 273.

McGuire Cullen P. Pharmacologic supportive care of children with central nervous system tumors. *Journal of Pediatric Oncology Nursing*, 1995; 12 (4): 230-232.

Cohen BH, Zeltzer PM, Boyett JM, Geyer JR, Allen JC, Finlay JL, **McGuire Cullen P**, Milstein JM, Rorke LB, Stanley P, Stebhens JA, Shurin SB, Wisoff J, Stevens KR, and Albright AL. Prognostic factors and treatment results for supratentorial primitive neuroectodermal tumors in children using radiation and chemotherapy: A Children's Cancer Group randomized trial. *Journal of Clinical Oncology*, 1995; 13: 1687-1696.

Jackacki RI, Zeltzer PM, Boyett JM, Albright AL, Allen JC, Geyer JR, Rorke LB, Stanley P, Stevens KR, Wisoff J, **McGuire Cullen P**, Milstein JM, Packer RJ and Finlay JL. Survival and prognostic factors following radiation and/or chemotherapy for primitive neuroectodermal tumors of the pineal region in infants and children: A report of the Children's Cancer Group. *Journal of Clinical Oncology*, 1995; 13: 1377-1383.

Finlay JL, Boyett JM, Yates AJ, Wisoff JH, Milstein JM, Geyer JR, Bertolone SJ, **McGuire P**, Cherlow JM, Teft M, Turski PA, Wara WM, Edwards M, Sutton LN, Berger MS, Epstein F, Ayers G, Allen JC, and Packer RJ. Randomized phase III trial in childhood high-grade astrocytoma comparing vincristine, lomustine and prednisone with the eight-drugs-in-one-day regimen. *Journal of Clinical Oncology*, 1995; 13: 112-123.

McGuire P. Supportive care pitfalls in the care of children with brain tumors. *Proceedings of the Sixth International Pediatric Neuro-Oncology Symposium*. Houston, Texas; 1994.

McGuire P. Care of the child receiving radiation therapy. In: Foley G, ed. *Nursing Care of the Child with Cancer*. Philadelphia, PA: W.B. Saunders Company; 1993: 120-136.

Geyer R, Zeltzer P, Finlay J, Albright L, Wisoff J, Rorke L, Yates A, Boyett J, Milstein J, Berger M, Shurin S, Allen J, **McGuire P**, Stanley P, Stebhens J, Stevens K, Teft M, Bertolone S, Biegel J, Edward M, Sutton L, Wara W, and Hammond GD. Chemotherapy for infants with malignant brain tumors: Report of the Children's Cancer Study Group trials CCG-921 and CCG-945. *Proceedings of the American Society of Clinical Oncology*, 1992.

Odom L, Wilkins R, Stork L, Greffe B, Jamroz S, Stevens S, Schissel D, **McGuire P**, and Fink K. Pre-operative chemotherapy (PCT) for osteogenic sarcoma (OGS) in children and adolescents with intra-arterial cisplatin (IA/CDDP) and intravenous doxorubicin (IV/DOX): An update. *Proceedings of the American Society of Clinical Oncology*, 1992.

Weiner E, **McGuire P**, Stolar C, Rich R, Albo V, Ablin A, Krailo M, Versteeg C, Betcher D, Sitarz A, Buckley J, and Hammond GD. The CCSG prospective study of venous access devices: An analysis of insertions and causes for removal. *Journal of Pediatric Surgery*, 1992: 732-748.

McGuire P. Development, implementation, and evaluation of an inpatient nurse practitioner role in pediatric oncology. *Proceedings of the National Association of Pediatric Nurse Associates and Practitioners Symposium*, 1992.

Weiner E, **McGuire P**, Stolar C, Rich R, Albo V, Ablin A, Krailo M, Versteeg C, Betcher D, Sitarz A, Buckley J, and Hammond GD. The Children's Cancer Study Group (CCSG) study of venous access devices: An analysis of insertion characteristics and causes for removal. *Proceedings of the American Pediatric Surgical Association*, 1991.

Finlay J, Boyett J, Yates A, Turski P, Wisoff J, Milstein J, **McGuire P**, Bertolone S, Geyer J, Teft M, Wara W, Epstein F, Edwards M, Berger M, Sutton L, Allen J, and Hammond GD. A randomized phase III trial of chemotherapy for childhood high-grade astrocytoma: A report of the Children's Cancer Study Group trial CCG-945. *Proceedings of the American Society of Clinical Oncology*, 1991.

Odom L, Wilkins R, Jamroz B, Stevens S, Greffe B, Stork L, **McGuire P**, Schissel D, and Fink K. Pre-operative chemotherapy (PCT) for pediatric and adolescent osteosarcoma (OGS) with intra-arterial cisplatin (IA/CDDP) and intravenous doxorubicin (IV/DOX). *Proceedings of the American Society of Clinical Oncology*, 1991.

McGuire P and Moore K. Recent advances in childhood cancer. *Nursing Clinics of North America*, 1990; 2: 447-460.

Morrison JE, Friesen RH, and **McGuire P**. Serum bromide elevation following multiple anesthetics for cranial irradiation treatment of posterior fossa ependymoma in a child. *Proceedings of the International Pediatric Neuro-Oncology Symposium*, 1990.

McGuire P. New approaches in the treatment of children with central nervous system tumors. *Journal of the Association of Pediatric Oncology Nurses*, 1990; 3: 2-3.

Wiley F, **McGuire P**, Moore IM, Perin GA, Ruccione K, and Waskerwitz M. Parents' perceptions of randomization: Pilot data from the Children's Cancer Study Group. *Proceedings of the Oncology Nursing Society*, 1989.

Cullen J, Caldwell S, **McGuire P**, Beatty E, Stork L, and Odom L. Successful therapy for malignant germ cell tumors (MGCT) of childhood. *Proceedings of the American Society of Clinical Oncology*, 1989.

Weiner E, Albo V, Rich H, Olsen M, Buckley J, **McGuire P** and Hammond GD. CCSG right atrial catheter study: A preliminary report. *Proceedings of the American Society of Clinical Oncology*, 1988.

Zeltzer PM, Cohen B, Albright L, Allen J, Epstein F, Finlay JL, Milstein J, McGowan D, **McGuire P**, Rorke L, Sposto R, and Hammond GD. Irradiation and 8-drugs-in-1-day chemotherapy (8-in-1) (Regimen B) or vincristine (VCR), CCNU, and prednisone (Regimen A) for high-risk intracranial primitive neuroectodermal tumors of childhood: Preliminary results of the Children's Cancer Study Group. *Proceedings of the International Society of Pediatric Oncology*, 1987.

Finlay JL, Milstein J, McGowan D, **McGuire P**, Rorke L, Sposto R, and Hammond GD. Irradiation and 8-drugs-in-1-day (8-in-1) (Regimen B) or vincristine (VCR), CCNU, and prednisone (Regimen A) for high-grade astrocytoma: Preliminary results of the Children's Cancer Study Group. *Proceedings of the International Society of Pediatric Oncology*, 1987.

McGuire PL. Home therapy for children with hemophilia. *Proceedings of the National Symposium for Nursing Research*, 1985.

Presentations 2008-2023:

Refereed Presentations:

Cullen PL: *Successful Integration of Behavioral Health in the Primary Care Setting*. Podium Presentation at the National Nurse Practitioner Symposium, Keystone Colorado, July 2023

Cullen PL and Skeens, M: Recent Updates from the Children's Oncology Group Clinical Trials. Research Keynote at the Association of Pediatric Hematology-Oncology Nurses (APHON) Annual Symposium, West Palm Beach, FL, September, 2022

Embry L, Hardy KK, Orgel E, Wang Y, Michalski J, Li Y, **Cullen PL**, Colte P, Bass JK: Impact of Hearing Loss on Neuropsychological Functioning in Children Treated for Medulloblastoma: A Report from the Children's Oncology Group (COG) Study ACNS0331. Accepted for Podium Presentation at the International Society of Pediatric Neuro-Oncology (ISPNO) Annual Meeting, Hamburg, Germany, June 2022.

Cullen P, Chohfi T, and Center D. *Rural Behavioral Health Integration (BHI): Partnering to Move from Crisis to Innovation*. The National Forum of State Nursing Workforce Centers: Nurses Reshaping the Workforce: From Crisis to Innovation. Virtual Annual Conference, June 10, 2021

Cullen, P. *The State of the Science of Symptom Management: CNS Tumors.* Children's Oncology Group State of the Science Meeting, Dallas, TX, October 2018

Cullen, P. *Late Effects of Radiation Therapy: Head to Toe.* Florida Association of Pediatric Tumor Programs Annual Conference: Orlando, Florida; November, 2016

Cullen, P. *Navigating Challenging Waters: Care of Children with Central Nervous System Tumors.* Florida Association of Pediatric Tumor Programs Annual Conference: St. Petersburg Beach, Florida; November, 2015.

Cullen P. *Use of Reflection to Enhance Professional Development in Nurse Practitioner Students.* Western Institute of Nursing Annual Conference: Anaheim, California; April 2013 (Accepted for Poster Presentation).

Cullen P. *Functional Status, Behavior, Executive Function and Quality of Life in Children Undergoing Treatment for Standard-Risk Medulloblastoma: The Children's Oncology Group Nursing Experience.* 15th International Symposium on Pediatric Neuro-Oncology: Toronto, Ontario, Canada; June 2012 (Platform Presentation; Received Outstanding Abstract Award for the category of late effects of treatment).

Madden J and **Cullen P.** *CNS Tumors: A Story of Passion for Saving and Improving lives and Neurons through Clinical Trials.* Association of Pediatric Hematology-Oncology Nurses National Conference: Anaheim, California; September 2011 (Featured Research Presentation; Presentation was archived and available on-line to all Children's Oncology Group members at 250 participating institutions in the United States, Canada, Australia, New Zealand, The Netherlands, and Switzerland).

Cullen P. *Diagnosis, Evaluation, and Follow-Up of Children, Adolescents, and Young Adults with Cancer for the Primary Care Provider.* National Nurse Practitioner Symposium: Copper Mountain, Colorado; July 2011 (Platform Presentation; Featured presentation for pediatric session).

Cullen P. *Review of Current Patient-Reported Outcome Practices in the Children's Oncology Group (Lessons Learned from ACNS0331 and ACNS0332).* Clinical Trials Evaluation Program, National Cancer Institute Meeting on PRO Standardization: Los Angeles, California; March 2011 (Platform Presentation).

Cullen P. *Functional Status and Health-Related Quality of Life in Children with CNS Tumors.* National Cancer Institute-Children's Oncology Group Interdisciplinary Neurocognitive Research Consensus Meeting: Dallas, Texas; September 2009 (Platform Presentation).

Cullen P. *Functional Status, Behavioral Adjustments, and Quality-of-Life in Children with CNS Tumors: A Report from the Children's Oncology Group.* Nursing Grand Rounds: The Children's

Hospital, Denver, Colorado; May 2009 (Platform Presentation; Presentation streamed to 20+ hospitals throughout the Mountain West; CEU's awarded).

Cullen P. *Adolescent and Young Adult Oncologic Diseases: Clinical Trials in the Treatment of Central Nervous System Tumors. Saving the My Space Generation: Why Age Matters.* Association of Pediatric Hematology-Oncology Nurses and Children's Oncology Group Nursing Discipline Collaborative Nursing Workshop: Dallas, Texas; March 2009 (Platform Presentation).

Cullen P. *Successful Implementation of Research in a Cooperative Clinical Trials Consortium: Lessons Learned from ACNS0331.* Children's Oncology Group Semi-Annual Meeting Education Keynote: Denver, Colorado; October 2008 (Platform Presentation, Keynote Address, CEU's awarded).

Cullen P. *Advancing Your Nurse Practitioner Career.* National Nurse Practitioner Symposium: Keystone, Colorado; July 2008 (Platform Presentation; Featured presentation for professional development session).

Non-Refereed Presentations:

Cullen P. *Assessment and Interpretation of Laboratory Findings: Emphasis on Hematologic and Coagulation Diagnostic Tests in Patient Care.* Rose Medical Center: Denver, Colorado; October 2012 (Invited Platform Presentation; CEU's awarded).

Cullen P. *Incorporating Nursing Research in the Acute Care Setting: Navigating Challenging Waters.* Swedish Medical Center-Craig Hospital Collaborative Research Symposium: Englewood, Colorado; May 2012 (Invited Opening Keynote Presentation; CEU's awarded).

Cullen P. *Transforming Practice: The Power of Nursing Research and Evidence in Daily Practice.* Swedish Medical Center: Englewood, Colorado; January 2011 (Invited Platform Presentation; CEU's awarded).

Cullen P. *Pain Management in the Acute Care Setting.* Denver Health Medical Center: Denver, Colorado; October 2010 (Invited Platform Presentation; CEU's awarded).

Cullen P. *Nursing Research and Evidence-Based Practice in the Acute Care Setting: From Theory to the Unit.* Rose Medical Center: Denver, Colorado; July 2010 (Invited Platform Presentation; CEU's awarded).

Cullen P. *Advancing Your Nurse Practitioner Career.* First Annual Centura Health Care Advanced Practice Nursing Conference: Porter Adventist Hospital: Denver, Colorado; October 2008 (Invited Platform Presentation; CEU's awarded).

Cullen P. *Making the Case for Neonatal Nursing Research.* Contemporary Issues in Neonatal Nursing: Front Range Association of Neonatal Nurses; April 2008 (Invited Platform Presentation; CEU's awarded).

Grant Activity:

Current Grants:

HRSA UD7HP37637: *A Rural Colorado Collaborative to Expand and Integrate Behavioral Healthcare.* Regis University and the Colorado Center for Nursing Excellence, **Patricia L Cullen, PhD, CPNP-PC, Project Director.** \$499,228 (Year 1), \$498,934 (Year 2) and \$498,926 (Year 3) 7/1/20-6/30/23.

Colorado Department of Higher Education SB21-137: Behavioral Health Incentive Grant (BHI) Scholarship Program. Regis University, **Patricia L, Cullen, PhD, CPNP-PC, Project Director.** \$170,693 (1-Year: 7/1/2023-6/30/2024)

Completed Grants:

Cullen P. *Functional Status and Quality of Life in Children with Malignant Brain Tumors.* Sponsored Programs in Academic Research (SPARC), Regis University: Denver, Colorado (2006) Role: Principal Investigator.

Cullen P. *Functional Status and Quality of Life in Children with Malignant Brain Tumors.* Sponsored Programs in Academic Research (SPARC), Regis University: Denver, Colorado (2005). Role: Principal Investigator.

Cullen P. and Moore I. *Functional Status and Quality of Life in Children with Medulloblastoma.* Oncology Nursing Foundation and Aventis Pharmaceuticals: Pittsburgh, Pennsylvania (2004-2009). Role: Principal Investigator.

Cullen P. *Information Systems Oncology Research Grant.* HealthONE Alliance Foundation, Denver, Colorado (2002-2003). Role: Co-Principal Investigator.

Cullen P. *Children's Oncology Group Institutional Participation Grant (Funding from NCI/NIH).* Children's Oncology Group: Arcadia, California (2000-2003). Role: Principal Investigator **(Approved as the first non-physician PI in of a major cancer treatment center grant in the United States).**

Cullen P, Fogue D, and Cullen J. *National Hemophilia Diagnostic and Treatment Center Grant.* National Institutes of Health: Bethesda, Maryland (1981-1987). Role: Grant Writer.

Current Research Activities:

Behavioral Science Steering Committee: Children's Oncology Group: Arcadia, California (2016-Present). Role: Development of psychology and neuroscience research priorities for Children's Oncology Group, national clinical trials consortium, mentoring of young investigators, review and critique of submitted concept proposals, implementation and evaluation of outcome findings and dissemination of results of neuro-psychology and quality-of-life studies.

International Working Group on Pain in Children with Cancer: (2016-Present) This group was formed in 2016 and is comprised of 25 investigators (physicians, advanced practice nurses, and psychologists) who are conducting a comprehensive systematic review of the literature and have been charged with making evidence-based recommendations for pain management in children with cancer in the areas of instrumentation, tumor-related pain, and treatment-related pain. When completed, these guidelines will be housed in the Cochrane Collaboration database.

ALTE07C1: *Cognitive Late Effects of Therapy for CNS Tumors.* Children's Oncology Group: Arcadia, California (2007-Present). Role: Protocol Committee Member in charge of quality-of-life assessments including providing instruments, instructions for administration, scoring completed instruments, and data analysis. The protocol includes the neuro-cognitive analysis of late effects of treatment for multiple current and past national therapeutic treatment trials.

ACNS0331: *Standard-Risk Medulloblastoma: Chemotherapy and Reduced Neuraxis Radiation.* Children's Oncology Group: Arcadia, California (2003-Present). Role: Protocol Committee Member in charge of quality-of-life assessments including providing instruments, instructions for administration, scoring completed instruments, and data analysis.

ACNS0221: *Conformal Radiation for Low Grade Glioma.* Children's Oncology Group: Arcadia, California (2005-2015). Role: Protocol Committee Member in charge of quality-of-life assessments including providing instruments, instructions for administration, scoring completed instruments, and data analysis.

Nursing Scholars Committee: Children's Oncology Group: Arcadia, California (2001-Present). Role: Development of nursing research priorities, mentoring of young investigators, review and critique of submitted proposals.

Completed Research Activities:

Nursing Discipline Committee: Children's Oncology Group: Arcadia, California (1985-2000). Roles: Vice-Chairman and Chair of Clinical Trials Subcommittee.

CCG-S31: *Children's Oncology Group Central Venous Line Study.* Children's Cancer Group: Arcadia, California (1983-1992). Role: Co-Principal Investigator and committee Vice-Chair.

CCG-945: *High-Grade Astrocytoma*. Children's Cancer Group: Arcadia, California (1985-1998). Role: Committee member charged with long-term follow-up of patients treated on the study.

CCG-921: *Poor-Prognosis Medulloblastoma*. Children's Cancer Group: Arcadia, California (1985-2000). Role: Committee member charged with monitoring standard treatment arm of the study.

CCG-9891: *Low-Grade Astrocytoma*. Children's Cancer Group: Arcadia, California (1986-2000). Role: Co-Principal Investigator and committee Vice-Chair.

CCG-1891: *Intermediate-Risk Acute Lymphoblastic Leukemia*. Children's Cancer Group: Arcadia, California (1988-2003). Role: Committee member charged with the evaluation of reported toxicities of therapy.

CCG-N-891: *Parents' Perceptions of Randomization in Cancer Clinical Trials*. Children's Cancer Group: Arcadia, California (1987-1999). Role: Committee member and co-developer of study instrument.

CNS Tumor Strategy Group: Children's Cancer Group and Children's Oncology Group: Arcadia, California (1990-2011). Role: Committee member representing the discipline of Nursing.

CCG-9932: *Low-Grade Medulloblastoma*. Children's Cancer Group: Arcadia, California (1994-1996). Role: Committee member.

CCG-99703: *Infant Central Nervous System Tumors*. Children's Cancer Group: Arcadia, California (1999-2005). Role: Committee member charged with monitoring of toxicity data.

Scholarly Professional Activities:

Editorial/Referee Positions:

Journal of the Association of Pediatric Hematology-Oncology Nurses: Reviewer (2000-Present).

Clinical Journal of Oncology Nursing: Reviewer (2004-Present).

Journal of Specialists in Pediatric Nursing: Reviewer (2011-Present).

Journal for Nurse Practitioners: Reviewer (2016-Present).

Professional, Scientific, Honorary Associations and Societies:

American Association of Nurse Practitioners (2016-Present). Role: Member, State Award recipient 2016.

Public Responsibility in Medicine and Research (PRIM&R): (2015-2017). Role: Member as Regis University IRB Chair.

Association of Pediatric Hematology-Oncology Nurses (1983-Present). Role: Member, content reviewer for journal, item developer for national certification examination.

Oncology Nursing Society (1980-2008). Role: Member, Chair of Pediatric, Adolescent, and Young Adult Special Interest Group (2000-2003).

Sigma Theta Tau International (2003-2015). Role: Member.

Colorado Nurses' Association (2008-2016). Role: Member of CNA and participation in DNA-30 (Special Interest Group for Advanced Practice Nurses).

Alpha Sigma Nu Jesuit Honor Society (2011-Present). Role: Member, review of submitted applications for induction into the society.

National Organization of Nurse Practitioner Faculties (2013-Present). Role: Member, Research Special Interest Group.

International Society of Pediatric Oncology (SIOP) (2015-Present). Role: Member of Nursing Discipline Committee.

National Association of Pediatric Nurse Practitioner Faculties (NONPF) (2023-Present). Role: Member of the Curriculum Leadership Committee.

Service Activities:

Service to the University:

Regis University Budget Committee: (2020-Present). Role: Member; appointed at the request of the Provost and Chief Financial Officer.

Regis University Global Health Committee: (2020-Present). Role: Member and advisor to students enrolled on the Global Health Pathway,

Higher Learning Commission Accreditation Self-Study: (2015-Present). Role: Co-Chair of Criterion 2 Committee (Ethical Conduct of the University).

Institutional Review Board (IRB): (2003-2017). Role(s): Member representing Rueckert-Hartman College for Health Professions (2003-2011), **Vice-Chair (2011-2012), Chair (2012-2017)**.

Office of Academic Grants Advisory Committee: (2011-2017). Role: Provide feedback and guidance for activities of the Office of Academic Grants, served on Search Committee for Director of the Office of Academic Grants.

Regis University Research Protection Committee: (2017-Present). Role: Faculty and Research Ethics member.

Faculty Salary Benchmarking Study Committee: (2012-2014). Role: Represent Rueckert-Hartman College for Health Professions faculty.

Academic Policy and Planning Committee: (2009-2012). Role: Member representing Rueckert-Hartman College for Health Professions.

Web Redesign Task Force: (2011). Role: Provide input on web redesign needs relevant to the Rueckert-Hartman College for Health Professions in general and the Loretto Heights School of Nursing in particular.

Service to the College:

RHCHP Committee on Rank: (2012-2015 and 2022-Present). Role: Representing Loretto Heights School of Nursing on the Committee.

Learning Technologies Advisory Council: (2011-2014). Role: Representing Loretto Heights School of Nursing on the Committee; provide feedback and discussion of issues related to blended/hybrid campus-based courses within the School of Nursing.

Council on Research and Scholarship: (2010-Present). Role: Ex officio representative of the Institutional Review Board to the Council.

Online Advisory Team (OLAT): (2006-2011). Role: Represent Loretto Heights School of Nursing on the Committee; provide feedback and discussion of issues related to blended/hybrid campus-based courses within the School of Nursing.

Evaluation and Outcomes Committee: (2004-2006). Role: Represent Loretto Heights School of Nursing on the Committee. Plan, implement, and analyze evaluation-based activities within the College.

Service to the School of Nursing:

Faculty Search Committee: (2007-2017). Role(s): Member 2007 and 2012, Chair 2009, 2010 and 2017.

Faculty Development Committee: (2011-2013). Role(s): Committee member assisting with identification of faculty continuing education needs, orientation of new ranked faculty, and coordinator of Partners in Education Team (PET) providing free continuing education programs to clinical partner organizations in the Denver Metropolitan area.

Pre-Licensure Curriculum Redevelopment Working Group (Accelerated Option): (2010-2012). Role(s): Convener of original working group charged with development of revised curriculum based on new BSN Essentials of Baccalaureate Education. Prepared summary feedback from previous graduates of the Accelerated Program obtained at program completion through individual interviews and focus groups. Chaired working group until the basic structure of the curriculum was developed and approved. Thereafter, served as a participating member.

Blended Courses Task Force: (2010-2012). Role(s): Together with Assistant Dean Dr. Rita Axford, worked closely with Instructional design team and Information Technology Systems to create a substructure for a blended component of all campus-based courses. Developed a timeline for the implementation of all blended courses offered through the School of Nursing and educated individual faculty on the processes necessary to create their course sections.

Post-Licensure Curriculum Committee: (2013-Present). Role: Committee member assisting with development, review, and evaluation of post-licensure nursing curriculum for master's and doctoral programs.

Student Affairs Committee: (2006-2009). Role: Chair of School of Nursing committee charged with admissions, progression, retention, and dismissal of students; coordination of small private scholarship offerings; coordination of alumni activities.

Doctor of Nursing Practice Working Group: (2007-2010). Role: Contributory member charged with the development of advanced nursing research course.

Nursing Faculty Organization: (2003-Present). Role: Contributory member.

Service to the Community:

School Health and Safety Task Force, Colorado Department of Health and Environment: (2012-2016). Role(s): Consultant representing the Colorado State Board of Nursing; providing input, information, and guidance and an advanced practice pediatric nurse practitioner on matters related to the school nurse role, student health and safety issues and delegation of medically-related care in the school setting.

Advanced Practice Subcommittee, Colorado State Board of Nursing: (2011-Present). Role: Provide input and information on issues related to advanced nursing practice in the state of Colorado.

Colorado State Board of Nursing: (2010-2015). **Role(s): Member of the Board and the APRN Subcommittee, Chair of Discipline Panel B, and Vice-President of the Board.** Role involves the review of complaints against registered nurses, advanced practice nurses, and licensed practical nurses in the state of Colorado; review of nursing education programs in the state of Colorado including curricular content, graduation rates, and licensing success rates; rulemaking related to nursing practice in the state of Colorado; serve as an expert witness and represent the Board in disciplinary actions initiated by the Board and the Office of the Attorney General; represent the State Board of Nursing on Nurse-Physician Advisory Task Force for Colorado Healthcare (NPATCH). Appointed by Governors Ritter and Hickenlooper to represent professional nursing education on the Board.

Alliance for Clinical Education (A.C.E.): (2009-2013). Role(s): Member, representing the Loretto Heights School of Nursing on state-wide consortium charged with bringing together clinical agencies and schools of nursing for the purposes of discussing mutual issues and concerns; Co-Chair (2011-2012) with Dr. Candice Schoeneberger.

Free School Physical Examinations for Medically Indigent Children in Denver: (2003-Present). As a licensed and credentialed nurse practitioner in the State of Colorado, personally provide and/or supervise 400-500 free physical examinations annually in cooperation with a variety of schools and clinical agencies in the Denver area (S.U.N. Schools [Archdiocese of Denver], Skinner Middle School, Trevista Elementary and Middle School, KIPP Pre-Collegiate Academy Middle School, Boys & Girls Clubs of Metro Denver, Arrupe Jesuit High School, Jefferson High School).

Peace in the Streets Back-to-School Health Fair: (2008-2010). Role: Provided review of students' current immunization status; supervised administration of needed immunizations by pre-licensure pediatric nursing students.

9-Health Fair: (2004-Present). Role: Participate in an annual 9-Health Fair held at Regis University annually with activities including debriefing participants and reviewing findings, venipuncture, and assisting students organizing the health fair.

Thesis Committees:

Wagner JJ: *Cancer Stage at Diagnosis in an Uninsured and Medicaid Population*. Regis University, 2010. Role: Committee Chair.

Banks CM: *Educational Methods for Effectively Maintaining Nursing Competency in Low Volume, High Risk Procedures in the Rural Setting: Bridging the Theory to Practice Gap*, Regis University, 2008. Role: Committee Chair.

Teaching Responsibilities 2008-2024:

NR 605: *Advanced pathophysiology for the Nurse Practitioner*

NR 706 A-B-C: *Capstone Project for the DNP*

NR 707: *Clinical Research for the DNP*

NR 642: *Pediatric Primary Care*

NR 651: *Professional Integration for the Family and Neonatal Nurse Practitioner*

NR 442: *Nursing Care of the Child and Family*

Additional teaching responsibilities since assuming the role of Director in 2009 and Assistant Dean in 2019 include lectures in each section offering on the following:

- **NR 442** (Pediatric Oncology and End-of-Life Care)
- **NR 642** (Pediatric Oncology for the Primary Care Provider and Pain Management)
- **NR 663** (Interpretation of Hematologic and Coagulation Laboratory Findings for the FNP)
- **NR 476** (Adult Oncology: Assessment, Intervention and Evaluation of Care)
- **NR 405** (Pathophysiology: Blood and Cancer)