

MISTY B. ELLIS, DNP, APRN, CPNP-AC/PC
misty.ellis@uky.edu

EDUCATION

VANDERBILT UNIVERSITY • Nashville, Tennessee Doctorate Nursing Practice	August 2015- July 2017
VANDERBILT UNIVERSITY • Nashville, Tennessee Pediatric Acute Care Post Master's Certificate	August 2014-July 2015
NORTHERN KENTUCKY UNIVERSITY • Highland Heights, Kentucky Masters of Science in Nursing Advanced Practice Nursing Pediatrics	August 2004- May 2006
UNIVERSITY OF LOUISVILLE • Louisville, Kentucky Bachelor of Science in Nursing	May 2000- May 2001
KENTUCKY STATE UNIVERSITY • Frankfort, Kentucky Associate Degree Nursing	August 1997- May 2000

PROFESSIONAL LICENSES AND CERTIFICATIONS

ACTIVE	BOARD CERTIFIED PEDIATRIC ACUTE CARE NURSE PRACTITIONER Pediatric Nursing Certification Board (PNCB)
ACTIVE	BOARD CERTIFIED PEDIATRIC NURSE PRACTITIONER American Nurses Credentialing Center (ANCC)
	LICENSED REGISTERED NURSE Kentucky Board of Nursing Professionals
Active	Advanced Cardiac Life Support
Active	Cardio/Pulmonary Resuscitation
Active	Pediatric Advance Life Support
October 2011	Pediatric Fundamental Critical Care Support

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PROFESSIONAL EXPERIENCE

UNIVERSITY OF KENTUCKY

College of Nursing

Assistant Professor

Pediatric Acute Care Track Coordinator

August 2021-Present

Develop curriculum, course work, and teach pediatric acute care nurse practitioner and DNP classes each semester. Integrate simulation and technology into courses for distance students. Contribute to the development of courses across programs.

UNIVERSITY OF KENTUCKY CHILDREN'S HOSPITAL

August 2021-Present

Heinrich A. Werner Division of Pediatric Critical Care

Pediatric Acute Care Advanced Practice Provider

Responsibilities for Cardiac and Pediatric Intensive Care Nurse Practitioner

- ❖ Primary care focus on cardiac intensive care patients
- ❖ Daily rounding
- ❖ Determining diagnoses, ordering, and reviewing tests, writing orders
- ❖ Performing procedures such as arterial line placement, central venous line placement, endotracheal intubations, and chest tube insertions.

Co-Leader on continuing education for PICU/CICU Nurses

Co-Leader on Nursing QI initiatives and Scholarly activities

NORTON CHILDREN'S MEDICAL GROUP

Norton Children's Hospital Heart Institute

Lead Advanced Practice Provider

March 2020-July 2021

Pediatric Acute Care Advanced Practitioner, Department of Pediatric Critical Care

Responsibilities Norton Children's Hospital Heart Institute Lead Advanced Practice Provider

- ❖ Lead Cardiac Intensive Care Unit and Progressive Care Unit Nurse Practitioner
 - Leads the advanced practice teams to ensure quality and efficient patient care, supporting the advanced practice providers in their credentialing and professional development, ensuring all regulatory, accreditation and clinical standards are met
 - Develop and implement onboarding curriculum for new Advanced Practice Providers
 - Develop and implement simulation into onboarding curriculum and continuing education
 - Develop continuing education didactics
 - Assist in recruitment of Advanced Practice Providers
 - Strategic planning and development for the Heart Institute

UNIVERSITY OF LOUISVILLE

Department of Pediatric Critical Care

Pediatric Acute Care Advanced Practitioner, Department of Pediatric Critical Care Norton

Children's Hospital

January 2013-March

2020

Responsibilities for Cardiac Intensive Care Nurse Practitioner

- ❖ Primary care focus on cardiac intensive care patients
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- ❖ Performing procedures such as arterial line placement, central venous line placement, endotracheal intubations, and chest tube insertions.

Quality Improvement

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- ❖ Cardiac Arrest Prevention Project
- ❖ Nurse Focused Rounding Project
- ❖ OR to ICU Cardiac Handoff Project
- ❖ Postoperative anticoagulation following a Norwood procedure initiative
- ❖ Complex neonatal postoperative feeding guidelines project
- ❖ Co-Developed Postoperative Norwood Guidelines
- ❖ Co-Developed Preoperative BT shunt guidelines from ICU – OR
- ❖ Temporary Pacemaker Testing Project
- ❖ Development and implementation of a Junctional Ectopic Tachycardia protocol
- ❖ Participating in development of post operative cardiac pathways
- ❖ Co-developer of Cardiac Intensive Care curriculum for bedside nurses
- ❖ Co-developer for Cardiac step-down curriculum for bedside nurses
- ❖ CVICU Handbook Development

UNIVERSITY OF KENTUCKY CHILDREN'S HOSPITAL

August 2010 – January 2013

Pediatric Nurse Practitioner, Department of Pediatric Cardiothoracic Surgery

Units: Pediatric Intensive Care, Operating Room, Neonatal Intensive Care, Progressive Care, Ambulatory

Responsibilities for Intensive Care Units include:

- ❖ Pre-rounding on patients for morning presentations
- ❖ Assist with management and plan of care
- ❖ Placement of arterial lines, central lines, and chest tubes
- ❖ Removal of chest tubes, pacing wires, and intra cardiac lines
- ❖ Placement and management of wound vacuum dressings
- ❖ 24 hour in house call for postoperative Norwood and equivocal patients
- ❖ Consultations, coordination for surgical procedures
- ❖ Assist with developing and implementing treatment protocols and care pathways

Responsibilities for Operating Room:

- ❖ Assisting the Anesthesiologist with patient care
- ❖ Assisting the Pediatric Cardiothoracic Surgeon with chest closures, chest washouts, ECMO cannulations, wound debridement's, and dressing changes
- ❖ Updating patient's families

Responsibilities for Progressive Care:

- ❖ Pre-rounding on patients, patient examination, develop patient care plan
- ❖ Diagnosis, order tests, procedures (ie. Chest tube removal)
- ❖ Discharge teaching

Responsibilities for Ambulatory Care:

- ❖ Assess all postoperative follow-up patients
- ❖ Assist with surgical education and counseling

Major Achievements and Outcomes

- ❖ Interstage Home Monitoring Program (IHMP)
 - Developed and implemented IHMP
 - Served as Primary Provider
- ❖ Developed Postoperative Neonatal Cardiac Feeding protocol
- ❖ Participated in the development of a post operative pain protocol
- ❖ Participated in the development of Chylous Effusion protocol

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- ❖ Participated in the development of Cardiac Pathways
- ❖ Participated in Cardiac Nursing curriculum development

THREE RIVERS HEALTH DEPARTMENT

April 2009 – August 2010

Pediatric Nurse Practitioner

Responsibilities included serving four counties: Owen, Carroll, Gallatin, and Pendleton Counties

- ❖ Well child exams, sports and camp physicals.
- ❖ Moderate acute care management
- ❖ Nurse Practitioner for the Owen County School Site Based Health Clinic

NORTON CHILDREN'S HOSPITAL

June 2006 – April 2009

Nurse Practitioner, Just for Kids Critical Care Center Norton Children's Hospital

Responsibilities included:

- ❖ Pre-rounding and examining patients prior to rounds
- ❖ Determining diagnoses, ordering, and reviewing tests, writing orders
- ❖ Inserting central venous lines, arterial lines, chest tubes, and intubating
- ❖ Managed both Transitional Care (TCU) and Intensive Care (ICU) level patients
- ❖ Coordinated home discharge plan of care
- ❖ Sedation Service: managed inpatient sedation service which consisted of organizing and planning a schedule and placing patients in a deep sedation, specifically for tests and procedures

NORTON CHILDREN'S HOSPITAL

June 2000 – June 2006

Clinical Nurse, Just For Kids Pediatric Critical Care Center

Responsibilities included:

- ❖ Performed nursing clinically duties for ICU and TCU level patients
- ❖ Monitored ventilators, invasive lines and tubes, dialysis
- ❖ Assisted critical care physicians with procedures
- ❖ High Tech Nursing Team Member
- ❖ Extracorporeal Membrane Oxygenation (ECMO) Technician
- ❖ Relief Charge Nurse
- ❖ Started and Chaired the PICU Journal Club
- ❖ Norton Navigator (nursing mentor)
- ❖ Norwood Team Member
- ❖ Magnet Committee Member

NORTON CHILDREN'S HOSPITAL

May 2002 – February 2003

Clinical Research Coordinator

Responsibilities included:

- ❖ Managed various protocol studies from Phase IV to Retrospective clinical data collection
- ❖ Screened, enrolled, and administered pharmacological products
- ❖ Prepared and submitted necessary regulatory documents to the IRB in accordance with regulations and guidelines

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SCHOLARLY ACTIVITY

RESEARCH

- 2021 Increased Rates of Suicide Ideation and Attempts in Rural Dwellers Following the SARS-CoV-2 Pandemic. Wiggins, Amanda; Salt, Elizabeth; Cerel, Julie; Hall, Claire-Marie; Ellis, Misty; Cooper, Gena; Adkins, Brian; Rayens, Mary Kay. Accepted for Publication in *The Journal of Rural Health*
- 2021-2022 Pediatric Cardiac Intensive Care Society Advanced Practice Provider Curriculum Textbook (2nd Edition). Chapter Editor: Pre and Postoperative Care, Respiratory Management, Pain, Sedation, and Delirium, Acute Kidney Injury, and Procedures. Chapter Author: Heart Failure and Cardiac Medications- PENDING Publication
- 2022 Using Unfolding Case Scenarios to Promote Clinical Reasoning for Nurse Practitioner Students by: Misty Ellis, DNP, APRN, CPNP-AC/PC, Debra Hampton, PhD, MSN, RN, FACHE, NEA-BC, CENP, Andrew Makowski, DNP, APRN, PMHNP-BC, Candice Falls, PhD, MSN, ACNP-BC, CVNP-BC, Elizabeth Tovar, PhD, APRN, FNP-BC, Leslie Scott, PhD, PPCNP-BC, MLDE, CDCES, Sheila Melander, PhD, APRN, ACNP-BC, FCCM, FAANP, FAAN- PENDING publication
- 2022 ECMO Care Model: Multidisciplinary Team in a Standardized Location
Misty Ellis, DNP, APRN, CPNP-AC/PC, Matthew Bacon, MD, Stephanie R. Durbin, BSN, RN, CPN, Pratibha Thakkar, MD, MPH, Hubert O. Ballard, MD, FAAP. Specialist Education in Extracorporeal Membrane Oxygenation (SEECMO)
Conference Abstract Submission and Poster Presentation
- 2022 Development and Implementation of a Pediatric Cardiac Intensive Care Advanced Practice Provider Curriculum by: Lindsey Justice, Amy R. Florez, Christin Diller, Ashley Moellinger, Misty Ellis, Christine Riley, Erin Dugan, Jenna Heichel, Theresa I. Dykton, Lillian Adele Foerster, Louise Callow-PENDING Publication
- 2016-2017 Identification of Viral Respiratory Illnesses in Children with Congenital Heart Disease
Vanderbilt Doctor of Nursing Program – Scholarly Project
- 2006 Do Nursing Techniques Contribute to Central Venous Line Thrombosis After Pediatric Cardiac Surgery? Unpublished study for completion of Master’s degree Requirement, Northern Kentucky University

NURSING EDUCATION

- 2021 Pediatric Intensive Thoughts Newsletters
- Bronchiolitis in the Pediatric Intensive Care Unit (October)
 - Ventilation Strategies (November)
 - Single Ventricle Cardiac Physiology and Interstage Monitoring (December)
- 2022 Pediatric Intensive Thoughts Newsletters
- Comfort Guidelines (January)
 - Pacing (April)
- 2022 Unfolding Case Presentation: Tetralogy of Fallot (February)
- 2022 Cardiac Nursing Trivia Development (February)
- 2022 Unfolding Case Presentation: Sepsis (May)

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2022	Pediatric Intensive Care Nursing Trivia Development (May)
2022	Pediatric Cardiac Cath Lab Nursing Education Curriculum Development (May)
2020	Development of Pediatric Cardiac Step-Down Unit Advanced Practice Provider Onboarding Curriculum
2017	Pediatric Acute Care On-Boarding Process Development
2017	Norton Children's Hospital Grand Rounds: Nursing Care of the Cardiovascular Patient
2014	Norton Children's Hospital Cardiac ECMO Single Ventricle Physiology and Postoperative Management Cardiology Potpourri High-Tech Nursing Nursing care of the postoperative cardiac patient Coarctation of the Aorta TOF postoperative management JET Pulmonary Hypertension in the postoperative cardiac patient Respiratory complications in the cardiac patient Postoperative Fontan Low cardiac output syndrome and management Case scenarios
2014	Norton Children's Hospital, Adult Congenital Heart Symposium: Co-Morbidities
2013	Norton Children's Just for Kids Critical Care Unit: Cardiac Hybrid Nursing Lecture Series
2011	Kentucky Children's Pediatric and Transitional Care Units Cardiac Lecture Series
2005	Just For Kids Critical Care Center Journal Club Founder and Previous Chair
2004	Norton Navigator

COMMITTEES

University of Kentucky College of Nursing: Faculty Practice Council
University of Kentucky Children's Hospital Resuscitation Committee
University of Kentucky Children's Hospital Simulation Committee
University of Kentucky Advanced Practice Provider Committee

Norton Children's Hospital Based Committees

Norwood Team
Cardiac Nursing Education: Cardiac Nursing Curriculum Development
Complex Cardiac Home Discharge Committee
Interstage Team and National Pediatric Cardiology Quality Improvement Collaborative
CVICU Planning
CVICU Practice Team
Cardiac Charter Task Force
CCQI Task Force
Cardiac MM
Advanced Practice Council

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Norton Healthcare APP Credentialing Committee-Chair

National Committees

National Association of Nurse Practitioners (NAPNAP)

- Pediatric Acute Care Faculty Special Interest Group

Pediatric Cardiac Intensive Care Society (PCICS):

- Member of Advanced Practice Provider curriculum course committee
- Cardiac ICU Nurse Practitioner Orientation Curriculum Development Project
- Co-author of Advanced Practice Provider Curriculum Manual
- Effusion Guidelines Project
- PCICS handbook development: Acute Kidney Injury following congenital heart surgery

NATIONAL PRESENTATIONS

- 2022 (March) Pediatric Cardiac Intensive Care Society (PCICS): CICU APP Curriculum Virtual Course
- 2021 (Sept) Pediatric Cardiac Intensive Care Society (PCICS): CICU APP Curriculum Virtual Course
- 2020 (March) Pediatric Cardiac Intensive Care Society (PCICS): APP CVICU Bootcamp presenter
Children's Healthcare of Atlanta; Atlanta, GA
- 2019 (April) Pediatric Cardiac Intensive Care Society (PCICS): APP CVICU Bootcamp presenter
Cincinnati Children's Hospital; Cincinnati, OH
- 2018 (June) Pediatric Cardiac Intensive Care Society (PCICS): APP CVICU Bootcamp presenter
Texas Children's Hospital; Houston, TX
- 2017 (Dec) Pediatric Cardiac Intensive Care Society (PCICS): APP CVICU Bootcamp presenter
Children's National Hospital; Washington, DC
- 2016 (Dec) Pediatric Cardiac Intensive Care Society (PCICS): Respiratory Complications in
Postoperative Congenital Heart Disease
- 2015 (Sept) Southeast Pediatric Cardiology Society (SPCS) Conference
Nitric Oxide: Gas Prices Going Up?
- 2014 (Dec) Pediatric Cardiac Intensive Care Society (PCICS): Utilizing PCICS Guidelines in
managing Fontan patients
- 2012 (Feb) Children's Hospital Philadelphia Congenital Heart Conference: "Nurses Take Center
Stage: Nurse Driven Bedside Rounds"

PUBLICATIONS

- 2020 Ellis, M. (2020). Child with Persistent Fever. In A.M. Kline-Tilford & C.M. Haut (Eds), *Cases in Pediatric Acute Care. Strengthening clinical decision making* (pp. 129-131). Hoboken, N.J: John Wiley & Sons

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- 2018 Hunt, C., Mastropietro, C., et.al (2018). Comprehensive Management Considerations of Select Noncardiac Organ Systems in the Cardiac Intensive Care Unit. *World Journal for Pediatric and Congenital Heart Surgery*, 9(6),685-695.
<https://doi.org/10.1177%2F2150135118779072>
- 2017 Pediatric Cardiac Intensive Care Society: Nurse Practitioner Curriculum Manual
Pediatric Intensive Care Society, 2017.
- 2015 Justice, L., Ellis, M. et al. (2015). Utilizing the PCICS Nursing Guidelines in Managing the CICU Patient. *World Journal for Pediatric and Congenital Heart Surgery*, 6(4) 604-615. DOI: 10.1177/2150135115593131

AWARDS

- November 2012 Awarded Olympic Spirit Bead of Courage
June 2002-2004 Kosair Better Care Awards

PROFESSIONAL ORGANIZATIONS

- | | |
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| National Association of Nurse Practitioner Faculties | 2021-Present |
| Kentucky Association of Nurse Practitioners & Nurse-Midwives Education Committee | 2018-Present |
| Kentucky Board of Nursing APRN Council Committee Member | 2017-Present |
| Kentucky Nurses Association | 2017-Present |
| Kentucky Nurses Association Executive Board: Director at Large | 2017-Present |
| Pediatric Cardiac Intensive Care Society | 2011-Present |
| National Association of Pediatric Nurses and Practitioners | 2006-Present |
| Kentucky Coalition of Nurse Practitioners and Nurse Midwives | 2006-Present |
| Kentucky Citizen Foster Care Review Board | 2008-2010 |
| National Association of School Nurses | 2009-2010 |

PROFESSIONAL DEVELOPMENT

OWEN COUNTY LEADERSHIP

February 2008 – February 2009

Owen County sponsored program. I enrolled in a yearlong course to expand knowledge of county opportunities in which Health Care and Services to Children were included.

NATIONAL PUBLIC HEALTH PERFORMACY STANDARDS PROGRAM

January 2008

Owen County Health Department, Owenton, KY