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CURRICULUM VITAE

Meghan Roller BS, PhD, MSN

APP Clinical Dir Inpatient 2
Department of Pediatrics
Division of Pediatrics Critical Care
MSN, RN, CPNP-AC

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EDUCATION:

09/2004 - 05/2009 Bachelor of Science, Human Biology, Minor in Spanish Studies, University of Minnesota, Minneapolis, MN

05/01/2010 - 08/2011 Direct Entry Masters, RN Training, Marquette University School of Nursing, Milwaukee, WI

05/2010 - 05/2014 Master of Science in Nursing Acute Care Pediatric Nurse Practitioner, Marquette University School of Nursing, Milwaukee, WI

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

07/01/2015 - 07/02/2015 Pediatric Fundamentals of Critical Care Support (PFCCS), Society of Critical Care Medicine, Milwaukee, WI

03/10/2017 - 03/12/2017 Extracorporeal Membrane Oxygenation (ECMO) Management Symposium, Society of Thoracic Surgeons (STS) | Extracorporeal Life Support Organization (ELSO)

10/23/2019 - 10/30/2019 PCICS Advanced Practice Provider Review Course, Pediatric Cardiac Intensive Care Society (PCICS), Birmingham, AL

07/2022 - Present Kern Institute Medical Education Researcher (Competitive Application), KINETIC3 Teaching Academy, Kern Institute, Milwaukee, WI

01/2023 - 10/2023 Women's Leadership Learning Collaborative (WLLC), 2023 Cohort (Competitive Application), Kern Institute | Center for the Advancement of Women in Science and Medicine (AWSM)

03/31/2023 - 04/02/2023 CSG/DOP Grant Writing Retreat (Competitive Application), Medical College of Wisconsin, Lake Geneva, WI

03/2023 - Present Disseminating your Educational Innovations through Scholarship (Monthly Web Series), Association of American Medical Colleges

06/2023 - Present MCW/CW Simulation Program's Simulation Facilitator Training – Pilot Program Participant, Dairy Cares Simulation Lab, Children's Wisconsin, Milwaukee, WI

09/2023 - Present ECMO 101, Extracorporeal Life Support Organization (ELSO)

12/14/2023 PCICS Bootcamp for Advanced Nurses, APPs, and Fellows, Pediatric Cardiac Intensive Care Society

EDUCATIONAL ADMINISTRATIVE APPOINTMENTS:

10/2019 - Present Critical Care APP Education Lead, Medical College of Wisconsin | Children's Wisconsin, Milwaukee, WI

HOSPITAL AND CLINICAL ADMINISTRATIVE APPOINTMENTS:

01/2012 - 09/2014 Registered Nurse - Staff Nurse, Pediatrics, Universal Pediatrics, Brookfield, WI

10/01/2014 - Present Critical Care Pediatric Nurse Practitioner, Pediatrics, Critical Care, Medical College of Wisconsin | Children's Wisconsin, Milwaukee, WI
06/2016 - 06/2017 Pediatric Nurse Practitioner, Pediatrics, Palliative Care, Medical College of Wisconsin | Children's Wisconsin, Milwaukee, WI
05/2017 - 10/2017 Pediatric Nurse Practitioner, Hospital Medicine Advanced Practice Provider (APP) Pilot Program, Pediatrics, Medical College of Wisconsin | Children's Wisconsin, Milwaukee, WI
07/2021 - 11/2021 Interim CICU (Cardiac Intensive Care Units) APP Clinical Lead, Pediatrics, Critical Care, Medical College of Wisconsin | Children's Wisconsin, Milwaukee, WI
08/2022 - Present CICU APP Clinical Lead, Pediatrics, Critical Care, Medical College of Wisconsin | Children's Wisconsin, Milwaukee, WI

HOSPITAL STAFF PRIVILEGES:

10/01/2014 - Present Pediatric Nurse Practitioner, Pediatrics, Critical Care, Children's Wisconsin, Milwaukee, WI
05/2017 - 09/2021 Pediatric Nurse Practitioner, Pediatrics, Hospital Medicine, Children's Wisconsin, Milwaukee, WI

SPECIALTY BOARDS AND CERTIFICATION:

Certificates	Issued By	Issue Date	Expiration
PALS	American Heart Association	2014	10/13/2025
BLS	American Heart Association	2014	10/13/2025
CITI	CITI	04/11/2016	04/20/2025
ACLS	American Heart Association	03/29/2017	03/29/2019

Licensure	Number	Issue Date	Expiration
RN		09/30/2011	02/29/2024
Pediatric National Certification Board (PNCB)		09/08/2014	02/28/2024
Advanced Nurse Prescriber (APN)		10/17/2014	02/29/2024
Drug Enforcement Administration (DEA)		10/2014	04/30/2026

AWARDS AND HONORS:

2011 2nd Nomination for Employee of the Month, Universal Pediatrics, home health nursing
2011 1st Nomination for Employee of the month, Universal Pediatrics, home health nursing
2018 Annual Thomas B Rice Award: Humility, Medical College of Wisconsin | Children's Wisconsin
2019 Annual Thomas B Rice Award: Humility, Medical College of Wisconsin | Children's Wisconsin
2019 Expert Clinician Award, Department of Pediatrics, Medical College of Wisconsin
2020 Annual Thomas B Rice Award: Integrity, Medical College of Wisconsin | Children's Wisconsin
2020 Annual Thomas B Rice Award: Humility, Medical College of Wisconsin | Children's Wisconsin
2021 Drug Nutrient Interaction (DNI) Poster of Distinction Award Nomination, "Opioid-Induced Constipation in the PICU (Pediatric Intensive Care Unit)" Nutrition & Science Practice Virtual Conference, American Society for Parenteral and Enteral Nutrition (ASPEN)

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

09/2013 - 09/2019 National Association of Pediatric Nurse Practitioners (NAPNAP) Member (Member)
2015 - 2018 Society for Critical Care Membership (SCCM) (Member)
2018 - Present Pediatric Cardiac Intensive Care Society (PCICS) (Member)

2021 - 2022 American Society of Parenteral and Enteral Nutrition (ASPEN) (Member)
2021 - Present PCICS Special Interest Group – APP group (Member)
2021 - Present PCICS Special Interest Group – APP Review Course (Member)
2023 - Present Association of American Medical Colleges (AAMC) (Member)
2023 - Present PCICS Special Interest Group – APP Simulation (Member)

NATIONAL ELECTED/APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

08/2023 - Present Co-Lead, PCICS APP Curriculum Course

RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:

Prior

Non-Peer Review

Title:	Implementation of a Bowel Regimen Protocol in the Pediatric Intensive Care Unit
Source:	Building Bridges to Nursing Research Based Practice
Role & Effort:	Project Lead (Quality Improvement)
Dates:	04/03/2019
Direct Funds:	$1,000

PEER REVIEWED WORKSHOPS/PRESENTATIONS:

National

Opioid-Induced Constipation in the PICU - Platform Poster Presentation, American Society for Parenteral and Enteral Nutrition, Nutrition & Science Practice, Virtual, 03/23/2021

COMMITTEE SERVICE:

Medical College of Wisconsin

2023 Member, Women's Leadership Learning Collaborative (WLLC) 2024 Cohort Application Review Committee, Medical College of Wisconsin

Hospital

10/2014 - 2019 Data Collector, Virtual Pediatric Systems (VPS), Critical Care, Pediatrics, Children's Wisconsin
01/2016 - 01/2019 Project Lead, PICU Bowel Regimen Workgroup, Critical Care, Pediatrics, Children's Wisconsin
01/2016 - 06/2016 Memeber, PICU Intravenous Fluid Administration Workgroup, Critical Care, Pediatrics, Children's Wisconsin
01/2020 - 01/2021 Member, Nutrition Workgroup, Critical Care, Pediatrics, Herma Heart Institute (HHI) | Children's Wisconsin
07/2021 - Present Member, APP Leadership Group, Critical Care, Pediatrics, Children's Wisconsin
09/2021 - 11/2022 Member, PICU Admission Criteria for Electrolyte Derangements, Critical Care, Pediatrics, Children's Wisconsin
08/2022 - Present Member, APP Driven RN Education in the PICU, Critical Care, Pediatrics, Children's Wisconsin
08/2022 - Present Member, Surgical Home Workgroup, Critical Care, Pediatrics, Herma Heart Institute (HHI) | Children's Wisconsin
09/2022 - Present Member, Central Line Associated Thrombus Workgroup, Critical Care, Pediatrics, Children's Wisconsin
06/2023 - Present Member, ECMO Workgroup, Critical Care, Pediatrics, Herma Heart Institute | Children's Wisconsin
09/2023 - Present Member, Ventricular Assist Device (VAD) Team, HHI/Critical Care, Pediatrics, Children's Wisconsin

MCW TEACHING ACTIVITIES:

Medical Student Education

10/11/2023 IPE Workshop 3 - Roles and Responsibilities Workshop, Role: Facilitator, debriefer, Virtual 2-hour workshop

12/19/2023 Early Clinical Learning – Climb 1: OSC (1 of 3)

Continuing Medical Education

05/2017 Case Study: Late Presentation of TAPVR Critical Care APP Group, Department of Pediatrics

07/2022 - Present Modified Rapid cycle deliberate practice (RCDP) to teach novice APPs how to create differential diagnosis for hypoxemia in patient with Glenn physiology, Capstone project for KinetiC3 Medical Education Research Course

08/21/2023 Norwood Protocol: Hemodynamics Review Critical Care APP Group, Department of Pediatrics

11/14/2023 Biannual Critical Care APP retreat: Situational Awareness Leadership Training (SALT), Role: Facilitator, Debriefer; Retreat Planner

EXTRAMURAL TEACHING:

Graduate Student Education

09/19/2022 Marquette University, College of Nursing, Acute Care/Dual Track Pediatric Nurse Practitioner Program, Simulation: Pediatric Toxidrome – MUDPILES (Antifreeze) Learners: Pediatric Nurse Practitioner Students (3 students) Role: Grader

02/06/2023 Marquette University, College of Nursing, Acute Care/Dual Track Pediatric Nurse Practitioner Program, Simulation: Complex Febrile Seizure, Role: Embedded Simulation Participant, Guest Debriefer, Learners: Pediatric Nurse Practitioner Students (3 students)

06/19/2023 Marquette University, College of Nursing, Acute Care/Dual Track Pediatric Nurse Practitioner Program, Simulation: Pediatric Toxidrome – MUDPILES (Antifreeze), Role: Embedded Simulation Participant, Guest Debriefer, Learners: Pediatric Nurse Practitioner Students (3 students)

09/11/2023 Marquette University, College of Nursing, Acute Care/Dual Track Pediatric Nurse Practitioner Program, Simulation: Pediatric Toxidrome – MUDPILES (Antifreeze), Role: Embedded Simulation Participant, Guest Debriefer, Learners: Pediatric Nurse Practitioner Students (3 students)

Continuing Medical Education

12/02/2018 Children's Wisconsin, Instructor - Pediatric Fundamentals of Critical Care Support (PFCCS), Lecture: Fluids/Electrolytes/Metabolic Disturbances, Skills Station: Radiology/Invasive Devices

04/25/2019 Children's Wisconsin, Instructor - Pediatric Fundamentals of Critical Care Support (PFCCS), Lecture: Fluids/Electrolytes/Metabolic Disturbances, Skills Station: Radiology/Invasive Devices

05/09/2019 Children's Wisconsin, Instructor - Pediatric Fundamentals of Critical Care Support (PFCCS), Lecture: Fluids/Electrolytes/Metabolic Disturbances

11/02/2021 Children's Wisconsin, Continuing RN Education - Hemodynamic Monitoring & NIRS Basics, Pediatric Critical Care Core Class, Role: Invited Presenter

04/21/2022 Children's Wisconsin, Continuing RN Education - Hemodynamic Monitoring & NIRS Basics, Pediatric Critical Care Core Class, Role: Invited Presenter

09/08/2022 Children's Wisconsin, Continuing RN Education - NIRS and advanced Hemodynamics Pediatric Critical Care Comprehensive Class, Role: Invited Presenter

10/12/2022 - 10/14/2022 Dairy Cares Sim Lab, Children’s Wisconsin, Host PCICS APP Review Course, Role: Planning, Coordination

10/20/2022 Children's Wisconsin, Continuing RN Education - Hemodynamic Monitoring & NIRS Basics, Pediatric Critical Care Core Class, Role: Invited Presenter

04/26/2023 Children's Wisconsin, Instructor - Pediatric Fundamentals of Critical Care Support (PFCCS), Lecture: Cardiovascular Evolution and Pediatric Shock, Skills Station: Accidental and Abusive Trauma

04/27/2023 Children's Wisconsin, Continuing RN Education - Hemodynamic Monitoring & NIRS, Pediatric Critical Care Core Class, Role: Invited Presenter

05/09/2023 Medical College of Wisconsin/Children’s Wisconsin, Biannual Pediatric Critical Care APP Retreat, Role: Planning, Coordination

06/07/2023 PCICS Virtual Course, PCICS APP Review Course (Day 3), Lecture: ECMO Management,

Breakout Session: VADs (Ventricular Assist Device)

06/07/2023 Children's Wisconsin, Continuing RN Education - Simulation: Sepsis, Pediatric Critical Care Core Class, Role: Invited Presenter

09/18/2023 Children's Wisconsin, Continuing RN Education - Cardiopulmonary Interactions & Advanced Hemodynamics, Pediatric Critical Care Comprehensive Class, Role: Invited Presenter

10/05/2023 Children's Wisconsin, Continuing RN Education - Hemodynamic Monitoring & NIRS Basics, Pediatric Critical Care Core Class, Role: Invited Presenter

11/06/2023 - 11/08/2023 Levine Children’s, PCICS APP Review Course

EXTRAMURAL STUDENTS, FACULTY, RESIDENTS, AND CLINICAL/RESEARCH FELLOWS MENTORED:

Medical Students

2015 - Present, Clinical Preceptor, Acute Care Pediatric Nurse Practitioner

BIBLIOGRAPHY

Books, Chapters, and Reviews

1. AACN's Pediatric Acute and Critical Care Manual, 2nd Edition (In process of Writing)

Abstracts

1. Roller, M, Panchal, A, Duesing, L, Mikhailov, T. Opiate-Induced Constipation in the PICU [abstract]. JPEN. 2021 March; 45 (S1); S229-S230. Abstract P147