

## CURRICULUM VITAE

### Andrea Maxwell MD

Assistant Professor  
Department of Pediatrics  
Division of Critical Care

#### OFFICE ADDRESS:

Children's Hospital  
9000 W Wisconsin Ave  
Milwaukee, WI 53226

#### EDUCATION:

08/2002 - 06/2006 A.B., Harvard College, Cambridge, MA  
07/2007 - 06/2012 M.D., University of Michigan Medical School, Ann Arbor, MI  
06/2010 - 06/2011 M.P.H., Harvard School of Public Health, Boston, MA

#### POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

07/2012 - 07/2016 Intern and Resident, Medicine/Pediatrics, Hospital of the University of Pennsylvania/Children's Hospital of Philadelphia, Philadelphia, PA  
07/2017 - 06/2020 Fellowship, Pediatric Critical Care, Cincinnati Children's Hospital Medical Center, Cincinnati, OH  
07/2018 - 06/2020 Advanced Resuscitation Training in Simulation Certificate, Cincinnati Children's Hospital Medical Center, Cincinnati, OH  
2018 AAP delegate, American Academy of Pediatrics Legislative Conference, Washington D.C, DC  
07/2019 - 06/2021 Quality Scholar Fellow, Cincinnati Children's Hospital Medical Center, Cincinnati, OH  
06/2020 - 06/2021 Research Fellow, Pediatric Critical Care, Cincinnati Children's Hospital Medicine Center, Cincinnati, OH  
03/2021 - Present Pediatric Acute Lung Injury and Sepsis Investigator, Clinical Research Course Virtual

#### FACULTY APPOINTMENTS:

2021 - Present Assistant Professor, Pediatric Critical Care, Medical College of Wisconsin, Milwaukee, WI

#### EDUCATIONAL ADMINISTRATIVE APPOINTMENTS:

2022 - Present REACH (Recognize, Empathize, Allow, Care, and Hold each other up) Facilitator, Medical College of Wisconsin, Milwaukee, WI

#### RESEARCH ADMINISTRATIVE APPOINTMENTS:

2021 - Present Co-Mentor and Member of Scholarship Oversight Committee, Pediatrics Critical Care, Fellowship Research, Medical College of Wisconsin, Milwaukee, WI

#### HOSPITAL STAFF PRIVILEGES:

2021 - Present Staff Physician, Pediatrics Critical Care, Children's Hospital of Wisconsin, Milwaukee, WI

#### SPECIALTY BOARDS AND CERTIFICATION:

<u>Board Certified</u>	<u>Issue Date</u>	<u>Expiration</u>
American Board of Internal Medicine, expiration: Contingent on MOC	2016	None
American Board of Pediatrics,	10/18/2017	None

expiration: Contingent on  
MOC  
American Board of Pediatric      11/04/2020      None  
Critical Care Medicine,  
expiration: Contingent on  
MOC

<u>Certificates</u>	<u>Issued By</u>	<u>Issue Date</u>	<u>Expiration</u>
PALs Instructor	AHA	02/24/2021	02/24/2023

<u>Licensure</u>	<u>Number</u>	<u>Issue Date</u>	<u>Expiration</u>
Wisconsin License	74747-20	03/05/2021	10/31/2023

**AWARDS AND HONORS:**

2002 - 2003 Harvard College Scholar, Harvard  
 2006 Certification of Distinction in Teaching, Harvard  
 2006 - 2007 Center for Public Interest Careers Fellowship, Harvard  
 2007 - 2012 Medical School Dean's Merit Award, University of Michigan  
 2011 Alpha Omega Alpha Selection, University of Michigan  
 2012 Internal Medicine Senior, University of Michigan  
 2017 American Academy of Pediatrics Section on Critical Care Medicine Advocacy Award

**MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:**

2012 - Present American Academy of Pediatrics  
 2015 - 2018 American College of Medicine  
 2017 - Present American Academy of Pediatrics Section on Critical Care  
 2017 - Present Society of Critical Care Medicine  
 2021 - Present CREWS( Collaborative for Resilience and Emotional Wellness Science) (Member)

**LOCAL/REGIONAL APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:**

2022 - Present Physician Lead, Catheter-Associated Urinary Tract Infection (CAUTI), Children's Hospital of Wisconsin

**RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:**

**Active**

**Peer Review**

Title: CREWS (Collaborative for Resilience and Emotional Wellness Science)  
 Role: Member  
 Dates: 2021 - Present

Title: PediRESQ  
 Role: Principal Investigator  
 Dates: 09/2022 - Present

**Prior**

**Peer Review**

Title: Identifying and Eliminating Health Disparities in Youth Living with T1D  
 Source: Cincinnati Children's Hospital Medical Center Diversity and Health Disparities Grant

Role: Co-Investigator  
PI: Dr. Nana-Hawa Yayah Jones and Dr.  
Andrew Beck  
Dates: 2018 - 2020  
Direct Funds: \$150,000

**PEER REVIEWED WORKSHOPS/PRESENTATIONS:**

**Local**

Morbidity and Mortality, Critical Care Medicine, Cincinnati, OH, 12/2017  
Tetralogy of Fallot, Cardiac Intensive Care Unit (CICU) Grand Rounds, Cincinnati, OH, 02/2018  
Peritoneal dialysis versus Furosemide for Prevention of Fluid Overload in Infants after Cardiac Surgery,  
CICU Grand Rounds, Cincinnati, OH, 07/2018  
Extracorporeal Membrane Oxygenation for Severe Acute Respiratory Distress Syndrome, Critical Care  
Medicine Journal Club, Cincinnati, OH, 09/2018  
Morbidity and Mortality, Critical Care Medicine, Cincinnati, OH, 11/2018  
Traumatic Brain Injury, Combined Critical Care Medicine & Emergency Room Clinical Case Conference,  
Cincinnati, OH, 04/2019  
Aortic Stenosis, CICU Grand Rounds, Cincinnati, OH, 10/2019  
Fellow Crosstalk: Work in Progress, Fellow Lecture Series, Cincinnati, OH, 10/2019  
Pediatric Thoracic Trauma, Combined Critical Care Medicine & Pediatric Surgery Clinical Case Conference,  
Cincinnati, OH, 11/2019  
Transport of Critically Ill Children, Cincinnati, OH, 12/2019  
Area-based Poverty, Race, and Admissions for Diabetic Ketoacidosis, Critical Care Medicine Research  
Conference, Cincinnati, OH, 03/2020  
Quality Scholar Presentation: Work in Progress, Cincinnati, OH, 05/2020  
Quality Scholar Presentation: Work in Progress V.2, Cincinnati, OH, 05/2021  
Presentation to CAUTI Retreat, Milwaukee, WI, 06/2022  
CAUTI presentation to MUPPIT, Milwaukee, WI, 09/2022

**National**

Maxwell A, Riley C, Stalets E, Wheeler DS, Dewan M., Female leaders in pediatric critical care medicine,  
Society of Critical Care Medicine Annual Congress, San Diego, 02/2019  
Maxwell A, Yayah Jones N-H, Taylor S, Kichler J, Corathers S, Riley C, Beck A., Area-based Poverty, Race,  
and Admissions for Diabetic Ketoacidosis (DKA) to the Pediatric Intensive Care Unit (PICU)., Poster  
presented at: Cincinnati Children's Hospital Medical Center's Thomas F. Boat Lectures., Cincinnati,  
OH, 04/2019  
Maxwell A, Yayah Jones N-H, Taylor S, Kichler J, Corathers S, Riley C, Beck A, Area-based poverty, race,  
and admissions for diabetic ketoacidosis (DKA) to the Pediatric Intensive Care Unit (PICU), American  
Academy of Pediatrics Section on Critical Care National Conference and Exhibition, New Orleans,  
Louisiana, 10/2019  
Vidrine R, Short SR, Maxwell A, Tegtmeier K, Geis G, Dewan M., Creating Pediatric Critical Care  
Simulationists: Development of an Advanced Resuscitation Simulation Curriculum., Oral presentation  
at: American Academy of Pediatrics Section on Critical Care National Conference and Exhibition.,  
New Orleans, LA, 10/2019  
Maxwell A, Yayah Jones N-H, Taylor S, Kichler J, Corathers S, Riley C, Beck A., Racial and socioeconomic  
disparities in admissions for diabetic ketoacidosis among children with Type 1 diabetes mellitus,  
Society of Critical Care Medicine Annual Congress, Orlando, Florida, 02/2020  
Dean P, Hoehn E, Lautz A, Frey M, Cabrera-Thurman M, Geis G, Stalets E, Zackoff M, Maxwell A, Kerrey  
B., The PICU-ED Team: A Novel System of Care for Patients at High Risk of Peri-Intubation Cardiac  
Arrest in the Pediatric Emergency Department., Oral presentation at: Pediatric Academic Societies  
Meeting, 04/2020  
Maxwell A, Padgett K, Lonnemann K, Kraemer C, Santiago L, Mohr J, Forbes J, Stalets E, Riley C.,  
Improving communication in the PICU, Society of Critical Care Medicine Annual Congress, Virtual,  
02/2021  
Loeb D, Paice K, Pavia K, Merrit C, Maxwell A, Chima R, Dewan M., Reducing Unnecessary Chest X-rays  
in the Pediatric Intensive Care Unit-Assessing Baseline Unit Characteristics and Readiness for

Change., High Value Health Care National Conference., 10/2021  
Maxwell A, Parsons A, Riley C., Family Perceptions of Communication in the Pediatric Intensive Care Unit.,  
Pediatric Academic Society, Denver, CO, 04/2022

#### **COMMITTEE SERVICE:**

##### **Hospital**

- 2017 - 2018 Co-Lead, Improving Pediatric Intensive Care Unit, PICU/Neurosurgery, Pediatrics Critical Care, Cincinnati Children's Hospital Medical Center
- 2019 - 2021 Collaborator, PICU and Emergency Room Team, PICU and ED, Pediatrics, Cincinnati Children's Hospital Medical Center
- 2019 - 2021 Member, PICU Safety Team, PICU, Pediatric Critical Care, Cincinnati Children's Hospital Medical Center
- 2019 - 2021 Lead, Improving PICU Communication: I2S2 Project, PICU, Pediatric Critical Care, Cincinnati Children's Hospital Medical Center
- 2020 - 2021 Cardiac Intensive Care Unit (CICU) Sepsis Algorithm Team., CICU, Pediatrics, Cincinnati Children's Hospital Medical Center
- 2020 - 2021 Member, PICU Sepsis Team, PICU, Pediatrics Critical Care, Cincinnati Children's Medical Center
- 2020 - 2021 Physician Representative, Reduction of Health-associated Infections (HAIs), PICU, Pediatrics Critical Care, Cincinnati Children's Hospital Medical Center
- 2021 - Present Member, PIQuIC (PICU Interdisciplinary Quality Improvement Committee) PICU Attending Physician Representative, Pediatric Critical Care, Children's Hospital of Wisconsin
- 2021 - Present Member, Transition to Adult Infusion Dosing Team, Pediatric Critical Care, Children's Hospital of Wisconsin
- 2022 - Present Member, Code Review Committee, CICU/PICU, Pediatrics Critical Care, Children's Wisconsin
- 2022 - Present Lead, PediRESQ Team Lead, Pediatrics Critical Care, Children's Wisconsin

#### **MEDICAL COLLEGE TEACHING ACTIVITIES:**

##### **Medical Student Education**

- 2022 - Present Interprofessional Education Facilitator, MCW
- 2022 - Present Member of Quality Improvement & Patient Safety Advisory Council

##### **Resident and Fellow Education**

- 2018 - 2020 Instructor for PICU Resident Lecture Series, CCHMC
- 2019 - 2021 Advisor for Advocacy Rotation, Assisted with development of a
- 2020 - 2021 Facilitator for Quality Improvement Project for Fellows,
- 2022 - Present Facilitator for Advanced Simulation Boot Camp, MCW

#### **MCW STUDENTS, FACULTY, RESIDENTS AND CLINICAL/RESEARCH FELLOWS MENTORED:**

##### **Medical Students**

- Amalia Jereczek, Medical College of Wisconsin, 2022 - Present Medical Student Summer Research Program
- Emily Reimer, Medical College of Wisconsin, 2022 - Present Medical Student Summer Research Program

##### **Clinical/Research Fellows**

- Melissa Chiu, Medical College of Wisconsin, 2021 - Present Co-Mentor

#### **PROGRAMMATIC DEVELOPMENTS:**

##### **Educational Programs**

###### **Fellow**

- 2019 - 2021 PICU Simulation Curriculum

## BIBLIOGRAPHY

### **Refereed Journal Publications/Original Papers**

1. Galea S, Maxwell AR, Norris F. Sampling and design challenges in studying the mental health consequences of disasters. *Int J Methods Psychiatr Res.* 2008 Dec;17 Suppl 2(Suppl 2):S21-8. PMID: PMC6879088
2. Johnson J, Maxwell A, Galea S. The epidemiology of posttraumatic stress disorder *Psychiatric Annals.* June 2009;39(6):326-334.
3. Van Cleave J, Boudreau AA, McAllister J, Cooley WC, Maxwell A, Kuhlthau K. Care coordination over time in medical homes for children with special health care needs. *Pediatrics.* 2015 Jun;135(6):1018-26. PMID: PMC8194473
4. Wheeler DS, Dewan M, Maxwell A, Riley CL, Stalets EL. Staffing and workforce issues in the pediatric intensive care unit. *Transl Pediatr.* 2018 Oct;7(4):275-283. PMID: PMC6212383
5. Riley C, Maxwell A, Parsons A, Andrist E, Beck AF. Disease prevention & health promotion: what's critical care got to do with it? *Transl Pediatr.* 2018 Oct;7(4):262-266. PMID: PMC6212390
6. Maxwell AR, Riley CL, Stalets EL, Wheeler DS, Dewan M. State of the Unit: Physician Gender Diversity in Pediatric Critical Care Medicine Leadership. *Pediatr Crit Care Med.* 2019 Jul;20(7):e362-e365.
7. Dean PN, Hoehn EF, Geis GL, Frey ME, Cabrera-Thurman MK, Kerrey BT, Zhang Y, Stalets EL, Zackoff MW, Maxwell AR, Pham TM, Lautz AJ. Identification of the Physiologically Difficult Airway in the Pediatric Emergency Department. *Acad Emerg Med.* 2020 Dec;27(12):1241-1248.
8. Hoehn EF, Dean P, Lautz AJ, Frey M, Cabrera-Thurman MK, Geis GL, Stalets E, Zackoff M, Pham T, Maxwell A, Vukovic A, Kerrey BT. Peri-Intubation Cardiac Arrest in the Pediatric Emergency Department: A Novel System of Care. *Pediatr Qual Saf.* 2020;5(6):e365. PMID: PMC7591114
9. Maxwell AR, Jones NY, Taylor S, Corathers SD, Rasnick E, Brokamp C, Riley CL, Parsons A, Kichler JC, Beck AF. Socioeconomic and Racial Disparities in Diabetic Ketoacidosis Admissions in Youth With Type 1 Diabetes. *J Hosp Med.* 2021 Aug 18.

### **Books, Chapters, and Reviews**

1. Galea S, Maxwell AR. Methodological challenges in studying the mental health consequences of disasters *Mental Health and Disasters.* 1 January 2009:579-593.
2. Maxwell AR, Galea S. Post-traumatic stress disorder after disasters. In D. Nutt, M. B. Stein, and J. Zohar (Eds.), *Post Traumatic Stress Disorders* 2nd edition. Informa Healthcare; 2009: 176-186.

### **Editorials, Letters to Editor, Other**

1. Maxwell AR, Frazier M, Varisco BM. High-Frequency Jet Ventilation Is Making Slow Inroads to the Pediatric ICU. *Respir Care.* 2021 Feb;66(2):349-350. PMID: PMC9994233