

CURRICULUM VITAE

Kellie C. Snooks DO

**Assistant Professor
Department of Pediatrics
Division of Critical Care**

OFFICE ADDRESS:

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EDUCATION:

08/2007 - 05/2011 Bachelor of Science, Radford University, Radford, VA
08/2011 - 05/2015 Doctor of Osteopathic Medicine, Midwestern University- Chicago College of Osteopathic Medicine, Downers Grove, IL
06/2020 - 10/2021 Master of Public Health, Medical College of Wisconsin, Milwaukee, WI

POSTGRADUATE TRAINING AND FELLOWSHIP APPOINTMENTS:

06/2015 - 06/2018 Resident Physician, Pediatrics, Advocate Children's Hospital, 4440 W 95th St, Oak Lawn, IL 60453
07/2018 - 06/2021 Fellow Physician, Pediatrics, Critical Care, Medical College of Wisconsin Affiliated Hospitals, 8915 W. Connell Ct, Milwaukee, WI 53226

FACULTY APPOINTMENTS:

07/01/2021 - Present Assistant Professor, Pediatrics, Critical Care, Medical College of Wisconsin, 9000 Wisconsin Ave, MS 681, Milwaukee, WI 53226

HOSPITAL STAFF PRIVILEGES:

07/01/2021 - Present Attending Physician, Pediatric Critical Care, Children's Wisconsin, Milwaukee, WI 53226

SPECIALTY BOARDS AND CERTIFICATION:

<u>Board Certified</u>	<u>Issue Date</u>	<u>Expiration</u>
Pediatrics	10/2021	None

<u>Certificates</u>	<u>Issued By</u>	<u>Issue Date</u>	<u>Expiration</u>
Methods in Grant Preparation	Clinical & Translational Science Institute of Southeast Wisconsin	03/2022	None
Advanced Trauma Life Support			11/17/2023
Pediatric Fundamental Critical Care Support			None
Emergency Management Institute Course Completions ?	Federal Emergency Management Agency		None

Incident to Incident Command Center ? Introduction to National Incident Management System	Pediatric Advanced Life Support	American Heart Association	08/2022
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<u>Licensure</u>	<u>Number</u>	<u>Issue Date</u>	<u>Expiration</u>
Wisconsin Medical License			10/31/2023

AWARDS AND HONORS:

2007 - 2011 4-year NCAA Division 1 Student Athlete, NCAA ATHLETICS
 2008 - 2010 NFCA Scholar-Athlete, Big South Presidential Honor Roll, NCAA ATHLETICS
 2009 All-Academic All- District 2009 ESPN The Magazine/CoSIDA Second Team, Big South All-Academic Team, NCAA ATHLETICS
 2011 Phi Kappa Phi Honors Society Member-Invitation only society that recognizes and encourages superior scholarship, Phi Kappa Phi Honors Society
 2011 Senior Leadership Award, Radford University Athletic Department
 2020 Notable Hero in Healthcare, BizTimes Milwaukee, Multisystem Inflammatory Syndrome Committee
 2021 Teaching Pin Recipient, Medical College of Wisconsin, Department of Pediatrics

MEMBERSHIPS IN HONORARY AND PROFESSIONAL SOCIETIES:

07/2022 - Present Society of Critical Care Medicine (Member)
 07/2022 - Present American Academy of Pediatrics (Member)

LOCAL/REGIONAL APPOINTED LEADERSHIP AND COMMITTEE POSITIONS:

2009 Female Representative, Radford University Student Athlete Female Representative, Radford University at the NCAA Leadership Convention
 2019 - 2021 Co-Founder, Fellow Mentor Program, Medical College of Wisconsin Affiliated Hospitals, Children's Wisconsin
 2019 - 2021 Acted as a liaison between residents and leadership, Resident Lecture Series Liaison, Medical College of Wisconsin Affiliated Hospitals, Children's Wisconsin

RESEARCH GRANTS/AWARDS/CONTRACTS/PROJECTS:

Active

Peer Review

Title:	Identifying Indicators of Sepsis in Pediatric Patients in Belize City
Source:	Steigleder Grant for Community and Global Health
Role:	Principal Investigator; Multi-Institutional collaboration with Baylor, Karl Heusner Memorial Hospital Authority (Belize City). Aims to identify indicators of sepsis in pediatric patients presenting to the Accident & Emergency Department at KHMHA.
Dates:	2019 - Present
Direct Funds:	\$10,000
Title:	MIS-C Inotropic Use in Pediatric ICU
Role:	Looking at use of inotropes in patients presenting with MIS-C and length and

Dates:	use of central access in these patients. 2021 - Present
Title:	Characteristics and Outcomes of Critically Ill Children with Multisystem Inflammatory Syndrome
Role:	First Author, Co-Investigator; Retrospective cohort study utilizing VPS database which characterized the incidence of pediatric critical illness from MIS-C and assessed the influence of SARS-CoV-2 strain on outcomes
Dates:	04/2022 - Present
Title:	Patterns of firearm-related admissions to PICUs during the COVID era
Role:	First Author, Co-Investigator; Retrospective cohort study utilizing VPS database to characterize patterns of firearm injuries in PICUs from 2018-2022
Dates:	2022 - Present
Title:	Project Ujima Referral in Pediatric ICU
Role:	Mentor; Mentored Pediatric Critical Care Fellow in QI project to improve referrals to Project Ujima for critically ill patients presenting to the PICU as victims of violence. Awaiting baseline data.
Dates:	2022 - Present

Prior

Peer Review

Title:	EEG and Antiseizure Medication use in an International Pediatric TBI population
Role:	First Author, Principal Investigator; Sub- analysis of the TBI cohort of the multinational PANGAEA Study. Analyzed relationships between treatment antiseizure medications and continuous EEG usage. Presented at WFPICCS 2020. Published in Neurocritical Care in September 2021.
Dates:	2018 - 2021
Title:	Early Mobility in the Pediatric ICU
Role:	Collaborator
Dates:	2018 - 2021
Title:	Critical Care Resource Website for COVID-19, chwpicu.wordpress.com
Role:	Author
Dates:	2020 - 2021
Title:	Multisystem Inflammatory Syndrome in Children: Collaborative Approach to

Role:	Management First Author, Principal Investigator; Project purpose is to better understand the impact of the Multisystem Inflammatory Syndrome in Children (MIS-C) and COVID-19 pandemic on Pediatric Intensive Care Unit Utilization using VPS database. Submitted as MPH Capstone.
Dates:	2021

INVITED LECTURES/WORKSHOPS/PRESENTATIONS:

Local

Analysis of HIRA mutants in Arabidopsis, 20th Annual Undergraduate Student Engagement Forum, Radford University, 2011

Congenital Syphilis, Pediatric Grand Rounds, CME Event, Advocate Children's Hospital, 2016

Juvenile Myoclonic Epilepsy, Pediatric Grand Rounds, CME Event, Advocate Children's Hospital, 2017

ECMO in Septic Shock, Pediatric Critical Care Systems Improvement, CME Event, Medical College of Wisconsin, 2018

Vitamin C in Sepsis, Pediatric Critical Care Journal Club, CME Event, Medical College of Wisconsin, 2019

ICU acquired weakness, Pediatric Critical Care Systems Improvement, CME Event, Medical College of Wisconsin, 2019

Fluid Management in PARDS, Pediatric Critical Care Systems Improvement, CME Event, Medical College of Wisconsin, 2019

Effects of Epinephrine on Cerebral Oxygenation and Metabolism, Pediatric Critical Care Journal Club, CME Event, Medical College of Wisconsin, 2019

Ifosfamide Toxicity, Pediatric Neurocritical Care Conference, CME Event, Medical College of Wisconsin, 01/2020

EEG and Antiepileptic drug use in an International Pediatric TBI population, 14th Annual Fellows/Residents Poster Session, Medical College of Wisconsin, 04/2020

Multisystem Inflammatory Syndrome in Children, Global Health Week, Medical Student Global Pathway Session, Medical College of Wisconsin, 12/2020

Pediatric Cervical Spine Injuries, Pediatric Neurocritical Care Conference, CME Event, Medical College of Wisconsin, 05/2021

Global and Community Health Career, Pediatric Residency Track Noon Conference, Medical College of Wisconsin, 04/2022

PEER REVIEWED WORKSHOPS/PRESENTATIONS:

Regional

E-Poster Presentation, Creation of Resource Website for COVID-19, Pediatric Critical Care Regional Conference (Wisconsin), Virtual Platform, 04/2021

E-Poster Presentation, But What if There Is No Cough?, 2nd Annual Society of Critical Care Medicine-Midwest Chapter Meeting, Virtual Platform, 08/2021

E-Poster Presentation: But What if There Is No Cough?, 2022 SCCM Critical Care Congress, Virtual Platform, 04/2022

International

E-Poster Presentation EEG and Antiepileptic Drug Use in an International Pediatric TBI population, 10th Congress of the World Federation of Pediatric Intensive & Critical Care Societies, Virtual Platform, 12/2020

COMMITTEE SERVICE:

Medical College of Wisconsin

2019 - Present Member, Mortality Review Committee, Critical Care, Pediatrics, Medical College of

Wisconsin Affiliated Hospitals, Children's Wisconsin
2019 - 2020 Member, Fellowship Recruitment Committee, Critical Care, Pediatrics, Medical College of
Wisconsin Affiliated Hospitals, Children's Wisconsin

Hospital

2020 - Present Member, COVID-19 Multisystem Inflammatory Syndrome in Children (MIS-C)
Management Team, Critical Care, Pediatrics, Children's Wisconsin
2021 - Present Liaison, Critical Care Trauma Committee, Critical Care, Pediatrics, Children's Wisconsin

EXTRAMURAL TEACHING:

Medical Student Education

2007 - 2011 Radford University Learning and Resource Center, Peer Tutor
2015 - 2018 Advocate Children's Hospital, Medical Student Lectures
2020 - Present Medical College of Wisconsin, Children's Wisconsin, Milwaukee, WI, Pediatric Clerkship
M3 History & Physical Reader

Resident and Fellow Education

2018 - 2021 Medical College of Wisconsin, Children's Wisconsin, Milwaukee, WI, Resident Lecture
Series
2018 - 2021 Medical College of Wisconsin, Children's Wisconsin, Milwaukee, WI, Pediatric Fundamental
Critical Care Support Course (PFCCS) Instructor
10/2021 - Present Trainees For Child Injury Prevention, Nationwide Children's Hospital, Selected as a
Facilitator in October 2021 to serve as a group facilitator for Trainees completing the program.

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

Medical Students

Michael Esson, Medical College of Wisconsin, 2021 - Present Global Health Track Mentor for MS

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

Residents

Medical College of Wisconsin Pediatric Residency Program, 07/2022 - Present Global and Community
Health Track Mentor

COMMUNITY SERVICE ACTIVITIES:

2007 - 2009 Special Olympics, Radford, VA, Volunteer
2011 - 2015 Community Health Clinic, Primary Care Provider, Medical Student
2011 - 2013 Chicago Marathon, Medical Aid Station Volunteer
2012 Community Health Care Fair, Spanish Interpreter
2014 - 2018 The Cure It Foundation, Fire Up a Cure, Volunteer
2020 College Application Mentor, UStrive
02/2021 CUGH Virtual Global Health Day on Capitol Hill Consortium of Universities for Global Health -
Virtual Participated in a Virtual Hill Day which engaged local members of Congress and focused on
strengthening United States leadership and funding for Global Health.
04/2021 American Academy of Pediatrics, Section on Critical Care Scholarship Recipient 2021 AAP
Advocacy Conference- Selected as recipient of AAP SOCC 2021 Advocacy Conference Scholarship.
Attended the AAP Advocacy Conference which included discussions on key child health issues at the
federal level. Met with congressmen and women to advocate for legislation that will improve the
health of children and work to address health inequities.
06/2021 - 06/2022 Trainees for Child Injury Prevention, T4CIP Nationwide Children's, Center for Injury
Research and & Policy- Selected as one of sixty-two trainees to take part in monthly trainings for
advocacy involvement. Program was created to teach public health approaches and community
engagement to prevent child and adolescent injury and violence. Completed monthly training sessions

- and participated in days of action for Magnet Safety and Safe Firearm Storage.
- 03/2022 American Academy of Pediatrics 2022 AAP Advocacy Conference - Attended the AAP Advocacy Conference which included discussions on key child health issues at the federal level. Met with congressmen and women to advocate for legislation that will improve the mental health of children in the country.
- 06/2022 American Academy of Pediatrics U.S. Senate Committee on the Judiciary Hearing, Protecting America's Children from Gun Violence.- Submitted testimony admitted into official record on Gun Violence in America's youth.

GLOBAL HEALTH ACTIVITIES:

- 2017 - 2018 Pediatrics Primary Care Provider Maranatha Medical Trip- Provided primary and preventative care to pediatric patients at remote medical sites in various resource limited settings in the Puerto Barrios region of Guatemala. Attended for two consecutive years. Guatemala 2017, 2018
- 10/2019 Physician's Evaluation and Educational Review (PEER) Course Instructor, Pediatrics, Karl Heusner Memorial Hospital Authority- Instructed physicians in the Accident and Emergency (A&E) Unit at Karl Heusner Memorial Hospital Authority on Pediatrics review courses as they prepared for Belize's first ever licensing exam for their A&E physicians. Belize City, Belize
- 2022 - Present Midwest Consortium of Global Child Health Educators-Invited member of the Midwest Consortium of Global Child Health Educators which has the mission of advancing the science and implementation of global child health training through regional multi-institutional collaboration.

FOREIGN LANGUAGES:

Proficient in Spanish (Able to read, write, and speak independently)

BIBLIOGRAPHY

Refereed Journal Publications/Original Papers

1. Snooks KC, Yan K, Farias-Moeller R, Fink EL, Hanson SJ. Continuous Electroencephalogram and Antiseizure Medication Use in an International Pediatric Traumatic Brain Injury Population. *Neurocrit Care*. 2022 Apr;36(2):573-583.
2. Fink EL, Robertson CL, Wainwright MS, Roa JD, Lovett ME, Stulce C, Yacoub M, Potera RM, Zivick E, Holloway A, Nagpal A, Wellnitz K, Czech T, Even KM, Brunow de Carvalho W, Rodriguez IS, Schwartz SP, Walker TC, Campos-Miño S, Dervan LA, Geneslaw AS, Sewell TB, Pryce P, Silver WG, Lin JE, Vargas WS, Topjian A, Alcamo AM, McGuire JL, Domínguez Rojas JA, Muñoz JT, Hong SJ, Muller WJ, Doerfler M, Williams CN, Drury K, Bhagat D, Nelson A, Price D, Dapul H, Santos L, Kahoud R, Francoeur C, Appavu B, Williams KP, Agner SC, Walson KH, Rasmussen L, Janas A, Ferrazzano P, Farias-Moeller R, Snooks KC, Chang CH, Yun J, Schober ME, Global Consortium Study of Neurologic Dysfunction in COVID-19 (GCS-NeuroCOVID) Investigators. Prevalence and Risk Factors of Neurologic Manifestations in Hospitalized Children Diagnosed with Acute SARS-CoV-2 or MIS-C. *Pediatr Neurol*. 2022 Mar;128:33-44. PMID: PMC8713420
3. Snooks K, Scanlon MC, Remy KE, Shein SL, Klein MJ, Zee-Cheng J, Rogerson CM, Rotta AT, Lin A, McCluskey CK, Carroll CL. Characteristics and Outcomes of Critically Ill Children With Multisystem Inflammatory Syndrome. *Pediatr Crit Care Med*. 2022 Nov 01;23(11):e530-e535. PMID: PMC9624236

Books, Chapters, and Reviews

1. PUBLICATIONS-BOOKS Shared Struggles: Stories from Parents and Pediatricians Caring for Children with Serious Illnesses, Ann E. Schrooten and Barry P. Markovitz Contributing Physician Author Springer 2021

Editorials, Letters to Editor, Other

1. PUBLICATIONS-LOCAL NEWSLETTERS Medical College of Wisconsin- Kern Institute Transformational Times Newsletter Creating a Resource Website to Stay Connected during COVID-19 Contributing Author July 2021