

CURRICULUM VITAE

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Education and Training

1994 – 2000 **Medical School** – MBBCH
Dubai Medical College, Dubai, UAE

07/1999 – 08/2000 **General Internship** in all departments, Department of Health and Medical Services (DOHMS), Dubai, UAE.

11/2000 – 12/2003 **Resident in Pediatrics**, Department of Health and Medical Services, Dubai, UAE (interrupted to move to USA for a more formal and structured training)

01/2004 – 12/2006 **Resident in Pediatrics**, Tulane and Ochsner Pediatric Residency Program in New Orleans, LA (fragmented due to hurricane Katrina, causing move to Houston, TX to complete training at Baylor College of Medicine Affiliated Hospitals Texas Children's Hospital

01/2007 – 12/2009 **Fellowship in Pediatric Critical Care Medicine**, University of Chicago Comer Children's Hospital, Chicago, IL

10/2016 - 10/2017 **Fellowship in Pediatric Cardiac Critical Care Medicine**, McGaw Medical Center of Northwestern University, Chicago, IL

Employment

1/2010-2/2015	Pediatric Critical Care Intensivist / Sedationist / Hospitalist <u>3 locations:</u> <ul style="list-style-type: none">● Summerlin Hospital and Medical Center, Summerlin, NV● Avera McKennan Hospital and University Health Center in Sioux Falls, SD● Cape Fear Valley Hospital in Fayetteville, NC
5/2015- 08/2020	Pediatric Critical Care Medicine UICOMP, Peoria, IL
9/2020- Current	Children's Hospital of Michigan (CHM) in Detroit

Faculty Appointments and Staff Positions

Clinical Service

1/2013 – 5/2015	Associate Medical Director Avera McKennan Hospital and University Health in Sioux Falls, SD
10/2016 – 10/2017	CVICU Fellowship Lurie Children's Hospital Chicago, IL
05/2015 – 08/2020	Pediatric Critical Care Physician Children's Hospital of Illinois at OSF Saint Francis Medical Center, Peoria, IL
09/2020- current	Pediatric Critical Care

Academic Service

1/2013 – 5/2015	Clinical Assistant Professor of Pediatrics University of South Dakota Sanford School of Medicine
5/2015 – 8/2020	Assistant Professor of Clinical Pediatrics University of Illinois College of Medicine – Peoria, IL

5/2015 – 09/2020

Adjunct Clinical Preceptor

A.T. Still University-Kirkville College of Osteopathic
Medicine (ATSU-KCOM)

9/2020- Current

Assistant Professor at Central Michigan University

Medical Licensure

State of Illinois
State of Michigan

Certifications

2000	Doctor of Medicine (Pediatrics), Dubai, UAE
2007	ABP – American Board of Pediatrics
2008	ECMO Specialist – Nationwide Children’s Hospital
2009	FDM – Fundamental Disaster Management
2010	Sub-board Certification in Pediatric Critical Care Medicine
2015	ATLS – Advanced Trauma Life Support
Current	PALS – Pediatric Advanced Life Support Provider
Current	PFCCS- Pediatric Fundamental Critical Care Support
Current	PFCCS Course Director
Current	PFCCS Course Consultant

Professional Society Memberships

SCCM	Member, Society of Critical Care Medicine
FAAP	Member, American Academy of Pediatrics
ELSO	Member, Extracorporeal Life Support Organization
ACTION network	Member and Site Principal Investigator for ACTION
CNOC	Member
PediECMO	Member and serving on SOC committee
Neurocritical care society	Member
PCICS	Member

Committee Appointments

CHOI

Pediatric Intensive Care Unit Quality Council
Morbidity & Mortality
Pediatric Intensive Care Unit Journal Club
ECMO
Pediatric Education Committee
Pediatric Sedation Committee
Peds Trach ECMO CFIT
Core Faculty - pediatric residency program
Resident Well Being work group
Resident Procedural Skills work group

CHM

Clinical excellence committee
Pediatric Pulmonary Embolism Committee
CRRT
CPR
Cause of death review @ Wayne State Medical Examiner
Trauma Committee- Helped create Trauma Sedation guidelines in PICU
PediECMO member of scientific oversight committee (PALISI group)
ECMO committee
Neurocritical care committee member

Administrative and Research efforts

CHOI

2019	Standardization of sevoflurane use outside of the OR
2019	Standardization of iNO use in the PICU
2018	DKA Transition order set revision
2018	Status asthmaticus ventilator management guidelines
2019	Post op SEEG admission to PICU policy
2020	Templated note for the technology dependent chronic patient
2020	Templated note for advanced care plan for HONC patients

CHM

2020- current	Midline catheter tidbits
	Centrifugal pump presentation
	Publons- Global Pediatric Health article reviews
	Editor with stat pearls Pubmed
	ACTION site PI
	ASCEND site PI
	TITRE site PI

Other teaching efforts

CHOI:

2015- 2020	Noon Resident Simulations Facilitator
2015- 2020	Pediatric resident educational director in the PICU Standardized pediatric resident didactic experience
2018- 2020	Board review lectures for pediatric residents

CHM

Member of fellow orientation in PICU
PFCCS course director/consultant
ECMO basic training for fellows

Invited Presentations

Teaching Conferences (Noon Conference) to Resident Staff:

June 19, 2015. Chronic Respiratory Failure & Extubation Readiness. Pediatric and Med-Peds Residents. Children’s Hospital of Illinois and University of Illinois College of Medicine – Peoria.

August 20, 2015. Airway Management - “Should We Intubate.” Emergency Department Teaching Conference. OSF Saint Francis Medical Center and Children’s Hospital of Illinois. Peoria, IL

August 27, 2015. Airway Station. Pediatric Procedure Skills Days. Pediatric, Med-Peds Residents. Children’s Hospital of Illinois & University of Illinois College of Medicine – Peoria,IL. *Organized at Jump Trading Education and Simulation Center.*

October 23, 2015. Cerebral Resuscitation. Pediatric and Med-Peds Residents. Children’s Hospital of Illinois and University of Illinois College of Medicine – Peoria,IL

October 24,2017. CSW,SIADH,DI,DKA. Pediatric and Med-Peds Residents. Children’s Hospital of Illinois and University of Illinois College of Medicine – Peoria,IL

Nov 17,2017. Cardiogenic shock,myocarditis,CALM-Pediatric and Med-Peds Residents. Children’s Hospital of Illinois and University of Illinois College of Medicine – Peoria,IL

Nov 22,2017. Status epilepticus,TBI-Pediatric and Med-Peds Residents. Children’s Hospital of Illinois and University of Illinois College of Medicine – Peoria,IL

January 11,2018. Shock,vasopressors and inotropes-Pediatric and Med-Peds Residents. Children’s Hospital of Illinois and University of Illinois College of Medicine – Peoria,IL

July 13,2018. ECMO report on risk factors,outcomes and characteristics. Quarterly ECMO meeting- Peoria,IL.

August 17,2018. TBI and SZ management for UICOMP residents.

August 22,2018. Review of available literature for alternative agents to iNO at Quality Council Meeting.

October 09,2018. Shock, vasopressors and inotropes.

December 14,2018. TBI and SZ.

December 14,2018. Simulation- status asthmaticus case.

January 03, 2019. Resident primer on pediatric airway and vent management.

January 04, 2019. ARDS,Status asthmaticus.

January 14,2019. ECMO indications and their pathophysiology and medical complications.

January 25,2019. Pediatric resident board review.

January 25,2019. Morning report- topic tachypnea differential a closer look at metabolic acidosis.

February 02,2019. Resident primer on pediatric airway and vent management.

April 12,2019. Community talk to Pre-K1. “ What I do for a living.” . Daarul Uloom.

May 1,2019. Resident primer on pediatric airway and vent management.

May 4,2019. PFCCS- Critical Care for the child with Congenital Heart Disease.

June 6,2019. Mechanical ventilation primer.

June 12,2019. Single ventricle anatomy, physiology and surgical overview.

July 16,2019. Brain death exam, Donation after cardiac death.

July 18,2019. Oxygenation and oxygen delivery.

September 10,2019. ARDS

September 27,2019. Calcium channel blocker overdose management.

January 21,2020. TBI and SZ management.

January 25,2020. PFCCS- Critical Care for the child with Congenital Heart Disease.

November 11,2020. Pediatric ICU sedation. Long term and procedural.

December 9,2020. Pediatric ICU sedation. Long term and Procedural.

February 11, 2021. Post resuscitation care. Children’s Hospital of Michigan.

June 23, 2021. Pro/Con debate of Targeted Temperature Management.

October 28,2021. Cardiac Macroanatomy, Fellow board review lecture.

June 22, 2022. Cardiac microanatomy, Fellows board review lecture.

July 7-8,2022. PFCCS course directorship @ CHM

September 28, 2022. Fellow didactic- Build an ECMO circuit

March 20, 2023. Bridging the gap to ECPR

July 10-13,2023. PFCCS

Grand Rounds (CME presentations):

February 2013. CPR Update and Overview of Physiology. Pediatric Grand Rounds. Avera McKennan Hospital and University Health Center in Sioux Falls, SD.

December 2012. “For the Love of Salt.” Pediatric Grand Rounds. Avera McKennan Hospital and University Health Center in Sioux Falls, SD.

April 2019. The science behind the hands. Resuscitation review. Children’s Hospital of Illinois, Peoria, IL.

July 12,2023. PFCCS- Critical Care for the child with Congenital Heart Disease. Invited grandrounds-Anesthesia department.

Publications

Hoehn, K. Sarah MD, MBe; Capouya, Jared D. MD; Daum, Robert S. MD; Glikman, Daniel MD; Gossett, Jeffrey G. MD; Hafzalah, Mina MD; Johnson, Daniel MD; Marcinak, John MD. Lemierre-like syndrome caused by community-associated methicillin-resistant *Staphylococcus aureus* complicated by hemorrhagic pericarditis. *Pediatric Critical Care Medicine*. 2010 May; 11(3):e32-5.

Hafzalah M, Azzam R, Testa G, Hoehn KS. Improving the potential for organ donation in an inner city Muslim American community: the impact of a religious educational intervention. *Clinical Transplantation* 2014 Feb; 28(2): 192-7 doi:10.1111/ctr.12296

Hafzalah, Mina, John Costello, Carl Lewis Backer, R. Andrew de Freitas and Constantine D. Mavroudis. “Critical Care Management of the Adult with the Univentricular Heart.” (2019). *Critical care management of the adult with the univentricular heart*.

Abstract S44: Select Abstracts From Cardiology 2020: 23rd Annual Update on Pediatric and Congenital Cardiovascular Disease. (2020). *World Journal for Pediatric and Congenital Heart Surgery*, 11(2), NP1–NP77. <https://doi.org/10.1177/2150135120904324>

Hafzalah, Mina, Wang Yanzhi, Tripathi, Sandeep. “Meaningful Use of Inhaled Nitric Oxide (iNO): a Cross-Sectional National Survey.” *SN Comprehensive Clinical Medicine*. DOI 10.1007/s42399-021-00818-2

Szymanski MW, Hafzalah M. Extracorporeal Membrane Oxygenation Anticoagulation. [Updated 2021 Apr 9]. In: StatPearls [Internet]. Treasure Island (FL): StatPearls Publishing; 2021 Jan-. Available from: <https://www.ncbi.nlm.nih.gov/books/NBK570633/>

Torpoco Rivera DM, Hafzalah M, Pomerantz DJ, Garcia RU. Dilated cardiomyopathy associated with a mutation in the dispatched RND transporter family member 1 gene. *Cardiol Young*. 2022 Jul;32(7):1166-1168. doi: 10.1017/S1047951121004625. Epub 2021 Dec 2. PMID: 34852870.

Reviewer in Global Pediatric health.