

Curriculum vitae

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Place of Birth: Cleveland, OH

Education

Year	Degree (Honors)	Field of Study (Thesis advisor for PhDs)	Institution
1994-1998	BA, Honors	Psychology	University of Texas, Austin, Texas
1998-2002	MD		UT Southwestern Medical Center, Dallas

Postdoctoral Training [*Include residency/fellowship*]

Year(s)	Titles	Specialty/Discipline (Lab PI for postdoc research)	Institution
2002-2003	Intern	Pediatrics	UT Southwestern/Children's Medical Center, Dallas
2003-2005	Resident	Pediatrics	UT Southwestern/Children's Medical Center, Dallas
2005-2008	Fellow	Critical Care	UCSF Med Center/Children's Hospital Oakland
2008-2009	Fellow	Cardiac Critical Care	Fellow, Cardiac Critical Care

Current Licensure and Certification

Licensure

2008-Present Medical Licensure, Texas

2007-Present Board Certification, American Board of Pediatrics

2010-Present Board Certification, Pediatric Critical Care Medicine

Faculty Academic Appointments

Year(s)	Academic Title	Department	Academic Institution
2009-Present	Assistant Professor	Division of Critical Care, Dept of Pediatrics	UTSW Medical Center

Appointments at Hospitals/Affiliated Institutions

<u>Past</u>			
Year(s)	Position Title	Department/Division	Institution
1995-19998	Undergraduate Researcher		Institute for Neuroscience, University of Texas at Austin
Summer 1996	Research Intern	Lab of Immunology. Bethesda, Maryland	National Institute of Allergy and Infectious Disease
2005-2008	Research Fellow	Neonatal Brain Disorders Laboratory	UCSF Medical Center
2008-2009	Clinical Instructor	Division of Critical Care, Dept of Pediatrics	Division of Critical Care, Dept of Pediatrics
<u>Current</u>			
Year(s)	Position Title	Department/Division	Institution
2009-Present	Assistant Professor	Division of Critical Care, Dept of Pediatrics	UTSW Medical Center

Committee Service (*Member, unless noted otherwise*) [*Do not include Professional Society positions*]

Year(s)	Name of Committee	Institution/Organization
<u>Hospital</u>		
2008-present	Infection Control Committee, ICU Representative	UTSW Medical School
2008-present	Cardiology Fellowship Interview and selection committee	
2008-present	Critical Care Fellowship Interview and selection committee	
2009-2013	NACHRI Collaborative Physician Representative for Heart Center	
2009-present	CLABSI Executive Committee, Member	
2009-present	CLABSI Leadership Committee, Member	
2009-present	Heart Center CLABSI Committee, Co-Chair	
2011-present	Heart Center Quality Committee, Member	
2011-present	4 th Year Medical Student Advisor,	
2012-present	Critical Care Services Quality Committee	

	Member
2012-present	Core Residency Interview Committee, Member
2012-2014	Residency Mentorship
2012-present	Critical Care and Cardiology Fellow Mentorship
2010-present	Advanced Practice Professional Mentorship

Professional Societies [List all society committees, leadership, and course leadership roles here]

Dates	Society Name, member
1998-present	Texas Medical Association
2002-present	American Academy of Pediatrics, Section on Critical Care (2008)
2005-present	Society of Critical Care Medicine
2008-present	Pediatric Cardiac Intensive Care Society

Clinical Trials Activities

<u>Present</u>	<u>Grantor:</u> U01 HL086622-01A1 and U01 HL086649-01A1
	<u>Title of Project:</u> Randomized Evaluation of Sedation Titration for Respiratory Failure (RESTORE)
	<u>Role (Principal Investigator, Co-Investigator):</u> Site Co-Investigator \$1000 per baseline subject enrolled; \$2416 per intervention subject enrolled

Service to the Community

Year(s)	Role	Organization or institution
May include a brief, one-sentence description of each role if needed (optional)		
1999	Child Family Health International, Quito, Ecuador. Volunteer in clinics and hospitals	Quito, Ecuador
2004-2005	Richardson Network Clinic, Physician Volunteer. Providing healthcare to children without healthcare coverage in Richardson ISD.	Richardson ISD.
2005	Dallas County Hospital District Refugee Clinic, Physician Volunteer. Providing healthcare to UN-certified refugees of North Texas	Dallas County Hospital District Refugee Clinic
2006-2008	At The Crossroads, Weekly volunteer providing assistance to the homeless community of San Francisco	San Francisco

2007	San Francisco Food Bank, Volunteer	San Francisco Food Bank
2009	Friends of Barnabas Foundation, Medical volunteer to provide care to Hondurans undergoing surgery for congenital heart disease.	San Pedro Sula, Honduras.
2011	Larry King, Jr Cardiac Foundation, Medical volunteer to provide care to Jamaicans undergoing surgery for congenital heart disease.	Kingston, Jamaica

Teaching Activities

Year(s)	Activity
<u>Medical and graduate school didactic and small group teaching</u>	
2006	“Electrolyte Disturbances in the PICU” PICU Update, CHRCO Nursing Staff (Invited Lec
2006	Passive Pressure Circulation after Cardiopulmonary Bypass, Neonatal Brain Disorders Lal
2006	Skills Lab Instructor for New Fellow’s Orientation and Transport Physicians, UCSF
2007	Basics of Mechanical Ventilation, Resident Morning Lecture, CHRCO
2007	Animal Models of Brain Injury, Pediatric Critical Care Division Conference, UCSF
2007	“New Neuro-monitoring in the PICU” PICU Update, CHRCO Nursing Staff (Invited Lect
2007	Skills Lab Instructor for New Fellow’s Orientation, UCSF
2008	Shock: Maximizing Oxygen Delivery, Resident Morning Conference, UCSF
2008	Skills Lab Instructor for New Fellow’s Orientation, UCSF
2009	Critical Care Fellow Orientation Lecture: L to R shunts
2010-2012	Fellow Core Lecture: Post-op Cardiac Care
2009	CICU Nursing Lecture Series: Temporary Pacing for the Bedside Nurse
2010-2011	Resident Lecture Series: Near-Drowning, Monthly
2010-2012	Cardiac Physiology Conference Organizer for Critical Care Fellows
2010	Fellow Orientation Lecture: BSI Prevention
2010	Fellow Orientation Lecture: Cardiopulmonary Interactions
2011	Pediatric Respiratory Care Seminar: Cardiovascular Effects of Bronchopulmonary Dysplasia
2011	Fellow Core Lecture: Post-operative arrhythmias
2012	CICU Nursing Lecture Series: Fetal Circulation
2013	Fellow Core Lecture: Management of Cardiac Failure
2014	CICU Nursing Lecture Series: Advanced Mechanical Ventilation
2014	Fellow Core Lecture: Cardiopulmonary Interactions
2014	Fellow Core Lecture: Arrhythmias and Temporary Pacemakers
2015	Children’s Hospitals’ Solution for Patient Safety Network: Building HAC Reliability-CLABSI Webinar

Invited Lectures

<u>Year(s)</u>	<u>Title</u>	<u>Location</u>
<u>National</u>		
2015	PDA stenting has better short term morbidity compared to surgical BT shunt in single ventricle patients – is it time for a paradigm shift?” To be presented at SCAI 2015 Scientific Sessions, San Diego, CA. (Selected Abstract)	San Diego, CA
2014	Implementation of Cardiac Assessment Team using Cardiac specific Pediatric Early Warning Score reduces emergent events on inpatient cardiology unit.” Platform presentation at Cardiology 2014, Orlando, FL. (Selected Abstract)	Orlando, FL
2012	ICU Discharge of Shunted Single Ventricle Patients: Standardizing a Moving Target via an Objective Discharge Score.” Platform presentation at Cardiology 2012. Orlando, FL. (Selected Abstract)	Orlando, FL
2008	Neonatal Cerebral Hypoxia-Ischemia Impairs Somatosensory Whisker Barrel Plasticity And Alters Nogo-A/NgR Expression.” Poster Symposium Presentation at PAS Annual Meeting 2008, Honolulu, HI. (Selected Abstract)	Honolulu, HI
2013	Desena H, Koch J, Wolovits J, King M, Forbess J, and Nugent A. <i>Impact of FiO2 on Systemic Oxygen Delivery in Patients with Shunted Single Ventricle Physiology.</i> <i>Circulation.</i> 2013; 128:A13374.	Presented at American Heart Association 2013 Scientific Sessions
2014	Torzzone A, Essary N, Wolovits J. <i>Daily 2% CHG bathing in a pediatric cardiac ICU reduces central line-associated blood stream infections.</i>	Presented at Cardiology 2014.
2012	Desena H, Koch J, Wolovits J, King M, Forbess J, and Nugent A. <i>Impact of FiO2 on Systemic Oxygen Delivery in Patients with Shunted Single Ventricle Physiology.</i>	Presented at Pediatric Cardiac Intensive Care Symposium

2012	Daigle B, Finley A, Walsh BW, Hood K, Wolovits, J. <i>Protocol-driven Ventilator Management in Children with Congenital Heart Disease: A Comparison to Non-Protocol Care.</i>	Presented at American Assoc for Respiratory Care Congress
<u>Regional/Local</u>		
2008	Effects of Hypoxia-Ischemia on Nogo-A/NgR Expression and Somatosensory Plasticity.” Presented at UCSF Department of Pediatrics Research Day 2008.	San Francisco, CA

Bibliography

Peer-Reviewed Publications (*List in chronological order with complete pagination. Authors should be listed in the same order as they appear in the published article.*)

Original Research Articles

1.	Wolovits, JS and Torzone A. <i>Feeding and nutritional challenges in infants with single ventricle physiology.</i> <u>Curr Opin Pediatr.</u> 2012 Jun;24(3):295-300.
2.	
3.	Mir A, Heistein L, Guleserian G, Journeycake J, Wolovits J , Lemler M. <i>Aspirin Resistance in Children with Single Ventricle Physiology and Shunt Palliation is not dose dependent</i> (Annals of Thoracic Surgery, In press).
4.	
5.	Desena H, Koch J, Wolovits J , Forbess J, King M and Nugent, A. <i>Impact of FiO2 on Systemic Oxygen Delivery in Patients with Shunted Single Ventricle Physiology</i> (Manuscript submitted to Congenital Heart Disease).

Reviews, Chapters, Monographs and Editorials

1.	Joshua S Wolovits and Andrea Torzone (Section Editors). Lesions with Decreased Pulmonary Blood Flow. In Pediatric Cardiac Critical Care Handbook. Jones, M, et al. 1st edition.
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Clinical Practice Guidelines

1.	Single Ventricle Infant Feeding Guidelines: guidelines to decrease variability in feeding practices among infants with single ventricles that are shunt-dependent from ICU until Stage 2 palliation
2.	<i>Cardiac Pediatric Early Warning System (C-PEWS): cardiac-specific early warning score with escalation pathway to identify deteriorating patients on the cardiology inpatient unit</i>
3.	Cardiac Activation Team: cardiac-specific medical activation team to respond to deteriorating patients on cardiology inpatient unit identified by C-PEWS
4.	Neonatal Feeding Algorithm: feeding protocol that is used throughout the Heart Center for initiation and titration of enteral feeding in high-risk infants

5.	CICU Ventilator Weaning and Titration Protocol: RT-driven ventilator management protocol used within the CICU to wean patients from mechanical ventilation
6.	2% CHG Bathing Guidelines: CHG bathing protocol and criteria for high-risk patients with central venous access to reduce catheter-associated blood stream infections throughout all critical care units
7.	OR to ICU handoff protocol: structured and standardized method for handoff from cardiac operating rooms and to CICU