

Curriculum vitae

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Education

Year	Degree (Honors)	Field of Study (Thesis advisor for PhDs)	Institution
1990	MD	Medicine	UT Southwestern Medical School
1982	BA	Biblical Studies	Criswell College

Postdoctoral Training

Year(s)	Titles	Specialty/Discipline (Lab PI for postdoc fellows)	Institution
1996-1997	Fellowship	Neuroradiology	Thomas Jefferson University
1995-1996	Fellowship	Pediatric Neuroradiology	Children's Hospital of Philadelphia
1991-1995	Residency	Diagnostic Radiology	UT Southwestern Medical Center
1990-1991	Internship	Pediatrics	UT Southwestern Medical Center

Professional Development Training

Year(s)	Course or Program, Degree if any	Institution

Faculty Academic Appointments

Year(s)	Academic Title	Department	Academic Institution
2014-now	Professor	Radiology	University of Texas Southwestern Medical School, Dallas, TX
2007-2014	Associate Professor	Radiology	University of Texas Southwestern Medical School, Dallas, TX
2004-2007	Associate Professor	Radiology	University of Missouri School of Medicine, Columbia, MO
2001-2004	Assistant Professor	Radiology	Baylor College of Medicine, Houston, TX
1999-2000	Assistant Professor	Radiology	University of Pennsylvania School of Medicine, Philadelphia, PA
1995-1996	Clinical Instructor	Radiology	University of Pennsylvania School of Medicine, Philadelphia, PA

Appointments at Hospitals/Affiliated Institutions

<u>Past</u>			
Year(s)	Position Title	Department/Division	Institution
2004-2007	Staff Pediatric Neuroradiologist	Radiology	Children's Mercy Hospital, Kansas, City, MO
2001-2004	Staff Pediatric Neuroradiologist	Radiology	Texas Children's Hospital, Houston, TX
2001-2004	Staff Neuroradiologist	Radiology	St. Luke's Episcopal Hospital, Houston, TX
2000-2000	Staff Radiologist	Radiology	Presbyterian Hospital, Plano, TX
2000-2000	Staff Radiologist	Radiology	Plano Medical, Plano, TX
1999-2000	Staff Pediatric Neuroradiologist	Radiology	Children's Hospital of Philadelphia, Philadelphia, PA
1997-1999	Staff Neuroradiologist	Radiology	Geisinger Medical Center, Danville, PA
1997-1997	Staff Radiologist	Radiology	Grandview Hospital, Sellersville, PA

Current

Year(s)	Position Title	Department/Division	Institution
2007-now	Staff Pediatric Neuroradiologist	Radiology	Children's Health System Texas, Dallas, TX
2007-now	Staff Pediatric Neuroradiologist	Radiology	Children's Health System Texas, Plano, TX
2007-now	Staff Pediatric Neuroradiologist	Radiology	Parkland Hospital and Health System, Dallas, TX

Other Professional Positions

Year(s)	Position Title	Institution
2002-2004	Partner, Singleton Associates	Texas Children's Hospital
2003-2004	Board of Directors, Singleton Associates	Texas Children's Hospital
2003-2004	Finance Committee, Singleton Associates	Texas Children's Hospital

Current Licensure and Certification

Licensure

Year(s)	State
1991-now	Texas Medical Board
2007-2016	Texas Department of Public Safety
1991-now	Drug Enforcement Agency

10/2004 - 01/2008	Missouri State Board of Registration
08/2004 - 09/2007	Kansas State Board of Healing Arts-MD and DO
07/1995 - 12/2004	Pennsylvania State Board of Medicine

Board and Other Certification

Year(s)	Specialty	Certifying Organization
2023-now	Magnetic Resonance Safety, MRMD	American Board Magnetic Resonance Safety
1998-now	Neuroradiology	American Board of Radiology
1995-now	Diagnostic Radiology	American Board of Radiology

Honors and Awards

Year	Name of Honor/Award	Awarding Organization
2018	Elected to membership	Southwestern Academy of Teachers
2018	Distinguished Teaching Professor	University of Texas Southwestern Medical School, Dallas, TX
2017	Vydareny Image Interpretation Competition	Association of University Radiologists
2016	Golden Apple Teaching Award	UT Southwestern Radiology Residents
2016	Outstanding Educator Award	Association of University Radiologists, American Alliance of Academic Chief Residents in Radiology
2016	Resident Conference of the Month – January 2016	UT Southwestern Radiology Residents
2016	Resident Conference of the Month – August 2016	UT Southwestern Radiology Residents
2015	Vydareny Image Interpretation Competition	Association of University Radiologists
2013	Golden Apple Teaching Award	UT Southwestern Radiology Residents
2011	Golden Apple Teaching Award	UT Southwestern Radiology Residents
2010	Fourth Quarter Patient Safety Champion Award	Children’s Medical Center, Dallas, TX
2004	Certificate of Merit, Scientific Poster Presentation	Radiological Society of North America, Chicago, IL
1997	Derek Harwood-Nash Award for Best Pediatric Neuroradiology Paper	American Society of Neuroradiology, Toronto, Canada
1997	Certificate of Merit Award for a Scientific Paper	Society for Pediatric Radiology, St. Louis, MO
1995	Executive Council Resident’s Research Award	American Roentgen Ray Society, Washington, D.C.
1989	National Institute of Health Clinical Electives Program	National Cancer Institute, Bethesda, MD
1987	Morgan-Good Foundation Summer Research Fellowship	Southwestern Medical Foundation, Dallas, TX
1986	R.L. Taylor Scholarship	Southwestern Medical Foundation, Dallas, TX

Major Administrative/Leadership Positions

Year(s)	Position Title	Institution
2021-now	MRMD	Children’s Health System Texas, Dallas, TX

2018-now	Chair, Alternate Pathway Oversight Committee	University of Texas Southwestern Medical School, Dallas, TX
2021-now	Chair, Teaching Evaluation and Recognition Committee, Southwestern Academy of Teachers	University of Texas Southwestern Medical School, Dallas, TX
2018-2021	Director of Radiology Education	University of Texas Southwestern Medical School, Dallas, TX
2013-2021	Program Director, Diagnostic Radiology Residency	University of Texas Southwestern Medical School, Dallas, TX
2013-2021	Graduate Medical Education Committee	University of Texas Southwestern Medical School, Dallas, TX
2012-2013	Associate Program Director, Diagnostic Radiology Residency	University of Texas Southwestern Medical School, Dallas, TX
2008-2018	MRI Safety Officer and Chair of MRI Safety Committee	Children's Health System Texas, Dallas, TX
2008-2018	ACR Accreditation Lead Physician	Children's Health System Texas, Dallas, TX
1998-1999	Chief, Division of Neuroradiology	Penn-State Geisinger Health System, Danville, PA

Committee Service (Member, unless noted otherwise)

Year(s)	Name of Committee	Institution/Organization
<u>University/Department</u>		
2021-now	Alternate Pathway Oversight Committee	University of Texas Southwestern Medical School, Dallas, TX
2021-now	Teaching Evaluation and Recognition Committee, Southwestern Academy of Teachers	University of Texas Southwestern Medical School, Dallas, TX
2021-now	Southwestern Academy of Teachers Leadership Committee	University of Texas Southwestern Medical School, Dallas, TX
2025-now	Southwestern Academy of Teachers, Celebration of Excellence Planning Committee	University of Texas Southwestern Medical School, Dallas, TX
2012-2021	Diagnostic Radiology Residency Program Evaluation Committee	University of Texas Southwestern Medical School, Dallas, TX
2012-now	Diagnostic Radiology Residency Clinical Competency Committee	University of Texas Southwestern Medical School, Dallas, TX
2013-now	Pediatric Radiology Fellowship Program Evaluation Committee	University of Texas Southwestern Medical School, Dallas, TX
2013-now	Pediatric Radiology Fellowship Clinical Competency Committee	University of Texas Southwestern Medical School, Dallas, TX
2013-now	Pediatric Neuroradiology Fellowship Program Evaluation Committee	University of Texas Southwestern Medical School, Dallas, TX
2013-now	Pediatric Neuroradiology Fellowship Clinical Competency Committee	University of Texas Southwestern Medical School, Dallas, TX
2013-2021	Program Directors Advisory Committee	University of Texas Southwestern Medical School, Dallas, TX
2018-2020	GME Sub-committee Resident Clinical Learning Environment	University of Texas Southwestern Medical School, Dallas, TX

2017-2018	MedHub Super Users Group	University of Texas Southwestern Medical School, Dallas, TX
2016-2018	GME Sub-committee for Informatics	University of Texas Southwestern Medical School, Dallas, TX
2016-2018	EVU Steering Committee	University of Texas Southwestern Medical School, Dallas, TX, Dept of Radiology
2013-2021	Graduate Medical Education Committee	University of Texas Southwestern Medical School, Dallas, TX

Hospital

2024-now	Quality and Patient Safety Committee	Children's Health System Texas, Dallas, TX
2020-now	Pharmacy and Therapeutics Committee	Children's Health System Texas, Dallas, TX
2021-now	MRI Safety Committee	Children's Health System Texas, Dallas, TX
2021-now	MRI Quality Committee	Children's Health System Texas, Dallas, TX
2021-now	Radiology Quality and Safety Committee	Children's Health System Texas, Dallas, TX
2013-2018	Parent Relations Workgroup	Children's Health System Texas, Dallas, TX
2012-2018	Quality and Patient Safety Committee	Children's Health System Texas, Dallas, TX
2008-2018	Radiology Pharmacy Committee	Children's Health System Texas, Dallas, TX
2006-2007	Clinical Practice Guidelines Committee (Use of Head CT in Minor Trauma)	Children's Mercy Hospital, Kansas, MO
2005-2007	By-laws Committee	Children's Mercy Hospital, Kansas City, MO

State/Regional

National/International

2021-2025	Faculty Development Committee	Association of University Radiologists
2020-2021	Association of Leaders in Academic Radiology	Association of University Radiologists
2016-2017	Radiographer Program Committee, Annual Society of Pediatric Radiology Meeting 2017	Society of Pediatric Radiology
2003-2010	Children's Oncology Group Committee for Neuroradiology ACNS0223	Children's Oncology Group

Professional Societies

Dates	Society Name, member	
1995-now	Member, Texas Medical Association	
1995-now	Member, Dallas County Medical Society	
1997-now	Member, American Society Pediatric Neuroradiology	
1997-now	Member, American Society for Neuroradiology	
2013-now	Member, Association of Program Directors in radiology	

2013-now	Member, Association of University Radiologists
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Community Engagement

Year(s)	Role, brief description	Organization or institution
2012	Pediatric Neurosurgery Symposium, for Community Physicians	Pediatric Neurosurgery Department Children's Health, Dallas, TX

Educational Activities

1. Direct Teaching

Date	Course Name, Rotation or Session Topic	Role	Number of Instruction hours	Primary Learner Audience (number)	Department or Organization
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Medical and Graduate School (UME) Course Instruction, Small Group Instruction, Clinical Supervision

2012 – multiple dates	Radiology Senior Elective Didactic Lectures, Advanced MRI & MRI Safety	Presenter	1	Senior UTSW medical students	
2013 – multiple dates	Radiology Senior Elective Didactic Lectures, Advanced MRI & MRI Safety	Presenter	1	Senior UTSW medical students	
2014 – multiple dates	Radiology Senior Elective Didactic Lectures, Advanced MRI & MRI Safety	Presenter	1	Senior UTSW medical students	
2015 – multiple dates	Radiology Senior Elective Didactic Lectures, Advanced MRI & MRI Safety	Presenter	1	Senior UTSW medical students	
2016 – multiple dates	Radiology Senior Elective Didactic Lectures, Advanced MRI & MRI Safety	Presenter	1	Senior UTSW medical students	
2017 – multiple dates	Radiology Senior Elective Didactic Lectures, Advanced MRI & MRI Safety	Presenter	1	Senior UTSW medical students	
2018 – multiple dates	Radiology Senior Elective Didactic Lectures, Advanced MRI & MRI Safety	Presenter	1	Senior UTSW medical students	
2019 – multiple dates	Radiology Senior Elective Didactic Lectures, Advanced MRI & MRI Safety	Presenter	1	Senior UTSW medical students	

Graduate Medical Education (GME) Course Instruction, Small Group Instruction, Clinical Supervision

2013	Communication, Tools of Our Trade	Presenter	1	Radiology Residents	Radiology, UT Southwestern
2012	MRI Safety – Biological Devices	Presenter	1	Radiology Residents	Radiology, UT Southwestern
2012	Pediatric Orbit - Trauma	Presenter	1	Radiology Residents	Radiology, UT Southwestern
2012	Pediatric Cervical Spine	Presenter	1	Radiology Residents	Radiology, UT Southwestern
2012	Pediatric Orbit - Tumors and Infections	Presenter	1	Radiology Residents	Radiology, UT Southwestern
2012	Pediatric Neurovascular Disease Imaging	Presenter	1	Radiology Residents	Radiology, UT Southwestern
2012	Professionalism – Tools of Our Trade, Professionalism	Presenter	1	Radiology Residents	Radiology, UT Southwestern
2012	The Professional Radiologist – Cases in Point	Presenter	1	Radiology Residents	Radiology, UT Southwestern
2012	Neurocutaneous Diseases	Presenter	1	Radiology Residents	Radiology, UT Southwestern
2012	Introduction to Pediatric Neuro Call cases	Presenter	1	Radiology Residents	Radiology, UT Southwestern
2012	Fatigue, Stress Management and Burnout	Presenter	1	Radiology Residents	Radiology, UT Southwestern
2012	Metabolic Diseases of the CNS	Presenter	1	Radiology Residents	Radiology, UT Southwestern
2012	Spinal Tumors	Presenter	1	Radiology Residents	Radiology, UT Southwestern
2012	MRI Safety	Presenter	1	Radiology Residents	Radiology, UT Southwestern
<u>Instructor in Continuing Medical Education (CME), Faculty Development, National Educational Symposia</u>					
2012	Pediatric Neurosurgery Symposium	Presenter	1	100	Pediatric Neurosurgery Department Children's Health, Dallas, TX
2012	Pediatric Neurology Grand Rounds - MRI	Presenter	1	20	Pediatric Neurology Children's

	Safety for Clinical Neurologists				Health, Dallas, TX
2011	Pediatric Neurology Grand Rounds – Cerebral Venous Thrombosis in Children	Presenter	1	30	Pediatric Neurology Children's Health, Dallas, TX
2010	Pediatric Neurology Grand Rounds – ADEM and Encephalitis	Presenter	1	30	Pediatric Neurology Children's Health, Dallas, TX
2009	Pediatric Neurology Grand Rounds – MRI Safety Issues for Neurology Patients	Presenter	1	30	Pediatric Neurology Children's Health, Dallas, TX
2008	Pediatric Neurology Grand Rounds – MRI Spectroscopy	Presenter	1	30	Pediatric Neurology Children's Health, Dallas, TX
2004	Pediatric Neurology Grand Rounds – State of the Art in Pediatric Neuroimaging	Presenter	1	35	Texas Children's Hospital Department of Neurology, Houston, TX
1997	Pediatric Neurology Grand Rounds – Diffusion-Weighted MRI in Acute Stroke and Brain Injury	Presenter	1	60	Thomas Jefferson University Hospital, Philadelphia, PA

2. Curriculum Development

Date	Course Name or Curriculum Product	Role	Purpose	Primary Learner Audience	Organization or Institution
2025	MRI Safety Refresher for MRI Technologists and Radiologists	Curriculum Developer	MRI safety training	MRI Technologists and Radiologists	Children's Health System Texas, Dallas, TX

3. Mentoring and Advising

Date	Mentee Name	Mentee Level/ Program and Institution	Role	Mentee Outcomes, Current Position
2025	Farah Bshesh	Fellow, Cardiovascular Critical Care, Children's Health, Dallas, TX	Mentor, neuroimaging research	Research in progress

2023-2024	Chastity Custer	Fellow, Critical Care Medicine, Children's Health, Dallas, TX	Mentor, neuroimaging research	Fellow, multiple publications

4. Learner Assessment Activities or Tool Development

Date	Course Name or Session Topic	Role	Number of Evaluation Hours	Primary Learner Audience	Organization or Institution
2018	On call faculty over read feedback tool	Primary developer		Radiology residents	UT Southwestern, Dept of Radiology

5. Educational Administration and Leadership

Date	Title	Responsibilities	Time (FTE or hours)	Organization and Program Scope	Outcomes
2021-now	Chair, Alternate Pathway for IMGs Oversight Committee	Run oversight committee, work with IMGs to complete pathway leading to board certification	2-4 hours/week	Dept of Radiology, UT Southwestern	Multiple fellows and faculty successful in board certification
2018-2021	Director of Education	Oversee all education programs in the Dept of Radiology	10 hours/week	Dept of Radiology, UT Southwestern	Successful growth and development of training programs
2013-2021	Program Director, Diagnostic Radiology Residency	Oversight of all operations and curriculum development for the residency	50 hours/week	Dept of Radiology, UT Southwestern	Successful graduation of trainees and job placement
2012-2013	Associate Program Director, Diagnostic Radiology Residency	Assist with oversight of all operations and curriculum development for the residency	40 hours/week	Dept of Radiology, UT Southwestern	Successful graduation of trainees and job placement

Grant Review Activities

Year(s)	Name of Review Committee	Organization

Editorial Activities

Year(s)	Journal Name
<u>Editor/Associate Editor</u>	
<u>Editorial Board</u>	

<u>Ad Hoc Reviewer</u>	
2013	Archives of Clinical Neuropsychology

Grant Support

<u>Active</u>	Grantor: NINDS
	Title of Project: Predicting ECMO NeuroLogICal Injuries using Machine Learning (PELICAN)
	Role (Principal Investigator, Co-Investigator): Sub-I
	Annual amount and date (direct costs only): \$18,000.00
	Total amount of award (if multi-year) and dates (direct costs only): \$2,611,206.00

<u>Past</u>	Grantor: Morgan-Good Foundation Summer Research Fellowship
	Title of Project: Molecular Biology of Cell Differentiation
	Role (Principal Investigator, Co-Investigator): Sub-I
	Annual amount and date (direct costs only): \$2,000.00
	Total amount of award (if multi-year) and dates (direct costs only): \$2,000.00
	Grantor: Transverse Myelitis Society
	Title of Project: Utilizing Brain Imaging to Understand Cognitive Dysfunction in Transverse Myelitis 052015-001
	Annual amount and date (direct costs only): \$10,000
	Total amount of award (if multi-year) and dates (direct costs only): \$10,000.00

Clinical Trials Activities

<u>Present</u>	Grantor: NINDS
	Title of Project:

	Association of impaired cerebral autoregulation and neurovascular coupling with acute neurological injury in pediatric cardiac arrest
	Role (Principal Investigator, Site PI, Sub investigator): <u>Sub-investigator</u>
	Grantor: NINDS 1R01NS122119-01A1
	Title of Project: Continuous measurement of cerebral perfusion and autoregulation during initiation of ECMO
	Role: Sub-Investigator
	Grantor: NIH-National Institute of Biomedical Imaging
	Title of Project: Training Clinician Scientists as Outstanding Clinicians and Imaging Scientists Role: Sub-I

<u>Past</u>	Grantor: NIH Institute of Dental and Craniofacial R
	Title of Project: Correction of B0 Inhomogeneity Induced by Orthodontic Appliances in MRI
	Role (Principal Investigator, Site PI, Sub investigator): Co-I

Invited Lectures

Year(s)	Title	Location
<u>International</u>		
2009	MRI Safety in a Children's Hospital	Phillips MRI International User's Meeting for Children's Hospitals, Dallas, TX
2003	Brain Tumors in Infants and Children	Radiology Department, Starship Children's Hospital, Auckland, New Zealand
<u>National</u>		

2020	Intracranial Complications of Infections in Children, Association of Program Directors In Radiology Resident Lecture Series	Virtual
2018	Clinical Educators are the Future of Medicine	Thomas Jefferson University Hospital Philadelphia, PA
2018	Pediatric Spinal Cord Inflammatory Disease	American Society for Spine Radiology Annual Meeting, Scottsdale, AZ
2017	MRI Safety Safe Table National Discussion	Children's Hospital Association
2015	Safe performance of MRI in children with active cardiac devices	Society for Pediatric Radiology, Bellvue, Washington
2013	Neuroimaging for the ICU	Pediatric Intensive Care Summer Course, Dallas, TX
2003	Brain Tumors in Infants and Children	Annual Meeting of the Society for Pediatric Radiology, Philadelphia, PA

Regional/Local

2020	Altered Mental Status: What Should I Be Looking For?	Texas Radiological Society, San Antonio, TX
2015	MRI Quality and Safety: Lessons Learned	Children's Health Quality Week, Dallas, TX
2011	Building an MRI Safety Program and Biologic Device Safety in MRI	Texas Society of Radiology Technologists Annual Meeting, Dallas, TX
2010	Diffusion Tensor Imaging in Neonatal Hypoxic-Ischemic Injury	Hudson Foundation Annual Lecture Series, UT Southwestern Medical Center, Dallas, TX
2010	State of the Art Pediatric Neuroimaging	Pediatric Neurosurgery Symposium, Children's Medical Center, Dallas, TX
2005	MR Spectroscopy	Society for MRI Technologists, Kansas City, MO
1995	Pediatric Spinal Imaging, Radiology Update,	The Children's Hospital of Philadelphia, Philadelphia, PA

Technological and Other Scientific Innovations

Bibliography

Peer-Reviewed Publications

Original Research Articles

1.	Yu, P., Foster, S., Xiong, L., Bhaskar, P., Morriss, M., Singh, S., Burr, T., Sirsi, D., Raman, L., Lasa, J. (2024) The association between early hypotension and neurologic outcome after pediatric cardiac ECPR in children with cardiac disease. Resuscitation Plus. 2024 Dec; 20: 100808. Published online 2024 Oct 24. doi: 10.1016/j.resplu.2024.100808 PMID: PMC11541672
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2.	Sanford, E., Akorede, R., Miller, I., Morriss, M., Nandy, K., Raman, L. & Busch, D. (2023). Association between disrupted cerebral autoregulation and radiographic neurologic injury for children on extracorporeal membrane oxygenation: A prospective pilot study. <i>ASAIO Journal</i> , 69, E315-E321. 10.1097/MAT.0000000000001970 . PMID: 37172001
3.	Custer, C., Singh, S., Sanford, E., Nandy, K., Raman, L., Busch, D. & Morriss, M. (2023). Computed Tomography Is Predictive of Significant Neurologic Injury in Children Supported on Extracorporeal Membrane Oxygenation. <i>ASAIO Journal</i> , 69, E460-E462. 10.1097/MAT.0000000000001990 . PMID: 37314831
4.	Farhat, A., Li, X., Huet, B., Tweed, J., Morriss, M. & Raman, L. (2022). Routine Neuroimaging: Understanding Brain Injury in Pediatric Extracorporeal Membrane Oxygenation*. <i>Critical Care Medicine</i> , 50, 480-490. 10.1097/CCM.0000000000005308 . PMID: 34637418
5.	Lee, A., Pandiyan, P., Liu, M. M., Williams, M. A., Everett, A. D., Mueller, G. P., Morriss, M., Raman, L., Carlson, D. & Gatson, J. W. (2020). Tau is elevated in pediatric patients on extracorporeal membrane oxygenation. <i>ASAIO Journal</i> , 66, 91-96. 10.1097/MAT.0000000000000923 . PMID: 30507848
6.	Tian, F., Farhat, A., Morriss, M., Tweed, J., Li, X., Huet, B., Thiagarajan, R. R. & Raman, L. (2020). Cerebral Hemodynamic Profile in Ischemic and Hemorrhagic Brain Injury Acquired during Pediatric Extracorporeal Membrane Oxygenation. <i>Pediatric Critical Care Medicine</i> , 21, 879-885. 10.1097/PCC.0000000000002438 . PMID: 32569240
7.	Fox, J., Jenks, C. L., Farhat, A., Li, X., Liu, Y., James, E., Karasick, S., Morriss, M., Sirsi, D. & Raman, L. (2020). EEG is a predictor of neuroimaging abnormalities in pediatric extracorporeal membrane oxygenation. <i>Journal of Clinical Medicine</i> , 9, 1-11. 10.3390/jcm9082512 . PMID: 32759731, PMCID: PMC7463499
8.	Ortega, S. B., Pandiyan, P., Windsor, J., Torres, V. O., Selvaraj, U. M., Lee, A., Morriss, M., Tian, F., Raman, L. & Stowe, A. M. (2019). A Pilot Study Identifying Brain-Targeting Adaptive Immunity in Pediatric Extracorporeal Membrane Oxygenation Patients with Acquired Brain Injury. <i>Critical Care Medicine</i> , 47, e206-e213. 10.1097/CCM.0000000000003621 . PMID: 30640221, PMCID: PMC6377324
9.	Wang, J., Park, Y. J., Morriss, M., Seo, Y., Nguyen, T., Hallac, R., Nava, A., Chopra, R., Chatzinoff, Y., Price, K. & Rollins, N. K. (2018). Correcting B0 Field Distortions in MRI Caused by Stainless Steel Orthodontic Appliances at 1.5 T Using Permanent Magnets - A Head Phantom Study. <i>Scientific Reports</i> , 8. 10.1038/s41598-01823890-6 . PMID: 29632343, PMCID: PMC5890254
10.	Tian, F., Morriss, M., Chalak, L., Venkataraman, R., Ahn, C., Liu, H. & Raman, L. (2017). Impairment of cerebral autoregulation in pediatric extracorporeal membrane oxygenation associated with neuroimaging abnormalities. <i>Neurophotonics</i> , 4. 10.1117/1.NPh.4.4.041410 . PMID: 28840161, PMCID: PMC5562949
11.	Jenks, C. L., Hernandez, A., Stavinoha, P. L., Morriss, M., Tian, F., Liu, H., Garg, P., Forbess, J. & Koch, J. (2017). Elevated cranial ultrasound resistive indices are associated with improved neurodevelopmental outcomes one year after pediatric cardiac surgery: A single center pilot study. <i>Heart and Lung</i> , 46, 251-257. 10.1016/j.hrtlng.2017.04.009 . PMID: 28511778
12.	Weinberg, B. D., Richter, M. D., Champine, J., Morriss, M. & Browning, T. (2015). Radiology resident preliminary reporting in an independent call environment: Multiyear assessment of volume, timeliness, and accuracy. <i>Journal of the American College of Radiology</i> , 12, 95-100. 10.1016/j.jacr.2014.08.005 . PMID: 25557573
13.	Chalak, L., Dupont, T. L., Sánchez, P. J., Lucke, A., Heyne, R., Morriss, M. & Rollins, N. K. (2014). Neurodevelopmental outcomes after hypothermia therapy in the era of Bayley-III. <i>Journal of Perinatology</i> , 34 (8): 629-633. 10.1038/jp.2014.67 . PMID: 24743133, PMCID: PMC4117736
14.	DeSena, A., Graves, D., Morriss, M. & Greenberg, B. (2014). Transverse myelitis plus syndrome and acute disseminated encephalomyelitis plus syndrome a case series of 5 children. <i>JAMA Neurology</i> , 71, 624-629. 10.1001/jamaneurol.2013.5323 . PMID: 24637847
15.	Rollins, N., Booth, T., Morriss, M., Sanchez, P., Heyne, R. & Chalak, L. (2014). Predictive value of neonatal MRI showing no or minor degrees of brain injury after hypothermia. <i>Pediatric Neurology</i> , 50, 447-451. 10.1016/j.pediatrneurol.2014.01.013 . PMID: 24656462, PMCID: PMC4006931

16.	Choudhery, S., Richter, M., Anene, A., Xi, Y., Browning, T., Chason, D. & Morriss, M. (2014). Practice quality improvement during residency: Where do we stand and where can we improve? <i>Academic Radiology</i> , 21, 851-858. 10.1016/j.acra.2013.11.021 . PMID: 24833567
17.	Oliveira, C. R., Morriss, M., Mistrot, J. G., Cantey, J. B., Doern, C. D. & Sánchez, P. J. (2014). Brain magnetic resonance imaging of infants with bacterial meningitis. <i>Journal of Pediatrics</i> , 165, 134-139. 10.1016/j.jpeds.2014.02.061 . PMID: 24726712, PMCID: PMC6855593
18.	Dupont, T. L., Chalak, L., Morriss, M., Burchfield, P. J., Christie, L. & Sánchez, P. J. (2013). Short-term outcomes of newborns with perinatal acidemia who are not eligible for systemic hypothermia therapy. <i>Journal of Pediatrics</i> , 162, 35-41. 10.1016/j.jpeds.2012.06.042 . PMID: 22871488, PMCID: PMC3712522
19.	Seo, Y., Wang, J., Morriss, M. & Rollins, N. K. (2012). Minimum SNR and acquisition for bias-free estimation of fractional anisotropy in diffusion tensor imaging - a comparison of two analytical techniques and field strengths. <i>Magnetic Resonance Imaging</i> , 30, 1123-1133. 10.1016/j.mri.2012.04.015 . PMID: 22819179
20.	Chalak, L., Rollins, N., Morriss, M., Brion, L., Heyne, R. & Sánchez, P. J. (2012). Perinatal acidosis and hypoxicischemic encephalopathy in preterm infants of 33 to 35 weeks' gestation. <i>Journal of Pediatrics</i> , 160, 388-394. 10.1016/j.jpeds.2011.09.001 . PMID: 22033298, PMCID: PMC3740949
21.	Graf, W. D., Kayyali, H. R., Abdelmoity, A. T., Womelduff, G. L., Williams, A. R. & Morriss, M. (2010). Incidental neuroimaging findings in nonacute headache. <i>Journal of Child Neurology</i> , 25, 1182-1187. 10.1177/0883073809353149 . PMID: 20724750
22.	Rollins, N. K., Glasier, P., Seo, Y., Morriss, M., Chia, J. & Wang, J. (2010). Age-related variations in white matter anisotropy in school-age children. <i>Pediatric Radiology</i> , 40, 1918-1930. 10.1007/s00247-010-1744-1 . PMID: 20577731
23.	Graf, W. D., Kayyali, H. R., Alexander, J. J., Simon, S. D. & Morriss, M. (2008). Neuroimaging-use trends in nonacute pediatric headache before and after clinical practice parameters. <i>Pediatrics</i> , 122, e1001-e1005. 10.1542/peds.2008-1159 . PMID: 18838461
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