

Curriculum Vitae
Michelle Casey Starr, M.D. M.P.H.
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Area of Excellence: Research

EDUCATION:

POST-DOCTORAL

Institution	Degree	Date Completed
Tufts University School of Public Health Boston, MA	M.P.H., Clinical Research	2012

GRADUATE

Institution	Degree	Date Completed
Tufts University School of Medicine Boston, MA	M.D.	2012

UNDERGRADUATE

Institution	Degree	Date Completed
Colby College Waterville, ME	B.A., Government and Chemistry	2007

FURTHER EDUCATION

Institution	Degree	Date Completed
University of Washington, Seattle Children's Hospital Seattle, WA	Resident Pediatrics	2015
University of Washington, Seattle Children's Hospital Seattle, WA	Chief Pediatric Resident	2016
University of Washington, Seattle Children's Hospital Seattle, WA	Clinical Fellow, Pediatric Nephrology	2017
University of Washington Seattle, WA	Research Fellow, Pediatric Nephrology	2019

APPOINTMENTS:

ACADEMIC

Institution	Rank	Dates
University of Washington School of Medicine	Chief Pediatric Resident	2015-2016
University of Washington School of Medicine	Clinical Instructor	2015-2016
Indiana University School of Medicine Department of Pediatrics Division of Pediatric Nephrology	Assistant Professor	10/1/2019 – Present
Division of Child Health Service Research	Faculty	10/1/2019 – Present
Pediatric Accelerator for Careers Engaged in Research (PACER)	Faculty	10/1/2019 – Present

NON-ACADEMIC HOSPITAL APPOINTMENTS

Institution	Rank	Dates
Seattle Children's Hospital	Attending Physician	2015-2016
IU Health Hospital System	Staff Physician	10/1/2019 – Present

*Denotes activity completed in rank (Tenure track: 2019-present)

‡ Denotes mentored trainee first author project

Ω Denotes diversity, equity and inclusion focus

LICENSURE, CERTIFICATION, SPECIALTY BOARD STATUS:

Medical Licensure

Credential	Number	Dates
Washington Physician License	#60292595	6/20/12 to 10/1/2019
Indiana Physician License	#01082551A	7/9/2019 – Present
SPECIALTY BOARD CERTIFICATION		
	Number	Dates
American Board of Pediatrics, General Pediatrics	#114991	10/9/2015 – Present
*American Board of Pediatrics, Pediatric Nephrology	#1115	8/20/2020 – Present

PROFESSIONAL ORGANIZATION MEMBERSHIPS:

Organization	Dates
Alpha Omega Alpha Medical Honor Society	2010 – Present
*American Academy of Pediatrics Section on Pediatric Nephrology Section on Neonatal-Perinatal Medicine	2010 – Present
*American Society of Pediatric Nephrology	2013 – Present
*Neonatal Kidney Collaborative	2015 – Present
*American Society of Nephrology	2016 – Present
*Society for Pediatric Research	2020 – Present
*Women in Nephrology	2021 – Present
*Children's Hospitals Neonatal Consortium, Renal Group	2021 – Present
*Pediatric Nephrology Research Consortium	2022 – Present

PROFESSIONAL HONORS AND AWARDS:

RESEARCH

Award Name	Grantor	Dates
T32 Clinical Research Fellowship	University of Washington	2017-2019
Fellow Research Award	Western Society of Pediatric Nephrology	2017
Fellows Presentation Award	American Society of Pediatric Nephrology	2018
Top Trainee Abstract	3 rd International Symposium on AKI in Children	2018
Fellows' Section Clinical Research Award	Society for Pediatric Research	2019
Finalist, CJASN Trainee Research Manuscript of the year	Clinical Journal of the American Society of Nephrology	2019
*Member	Society for Pediatric Research	2021
*Fellow	American Society of Nephrology	2021
*Heroes in Pediatric Nephrology	Miami Pediatric Nephrology Seminar	2022
*Top Abstract	4 th International Symposium on AKI in Children	2022
*James Sutherland Junior Faculty Award	Midwest Society for Pediatric Research	2023

TEACHING

Award Name	Grantor	Dates
Seattle Children's Hospital Pediatric Residency Fellow Teaching Award	University of Washington School of Medicine	2017
*Trustee Teaching Award	Indiana University	2024

OTHER

Award Name	Grantor	Dates
Sydney S. Gellis Award in Pediatrics	Tufts University School of Medicine	2012

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Chief Pediatric Resident	Seattle Children's Hospital	2015
Applied Epidemiology Fellow	Centers for Disease Control Prevention	2011
Alpha Omega Alpha	Tufts University School of Medicine	2011
Delta Omega Public Health Honor Society	Tufts University School of Public Health	2012
Resident Travel Award	American Society of Pediatric Nephrology	2014, 2015, 2016

PROFESSIONAL DEVELOPMENT:

From 2019-present, I have accumulated ≥ 40 hours of Category Continuing Education through the Indiana Professional Licensing Board every two years. Additional highlighted Professional Development activities are listed below.

Course	Organization	Date
*American Society of Nephrology Annual Meeting	American Society of Nephrology	2015 – Present
*Pediatric Academic Society Annual Meeting	Pediatric Academic Society	2012 – Present
John E. Lewy Advocacy Scholar	American Society of Pediatric Nephrology	2017 – 2019
*Leadership in Academic Medicine Program	IU Office of Faculty Affairs and Professional Development	2020 – 2021
*Independent Investigator Incubator (I ³)	Indiana University School of Medicine	2020 – Present
*Open School Certificate Program	Institute for Health Care Improvement	2021
*Fundamentals in Clinical Research Certificate Program	Harvard Medical School, Boston, MA	2021
Grant Writing Workshop	Indiana Clinical and Translational Sciences Institute (CTSI)	2021
*Leadership Development Program American Society of Pediatric Nephrology	American Society of Pediatric Nephrology	2022 – 2023
*Mini-Mentorship Program	American Society of Pediatric Nephrology	2023
*Enhancing Your Inner Mentor	IU Office of Faculty Affairs and Professional Development	2023
*Scientists Teaching Science Training	NIH Office of Intramural Training and Education	2023
*Communicating Science	IU Office of Faculty Affairs and Professional Development	2024 – Present
*Investigators Advancing via Coaching at the Transition of Independence (iACTIVATE)	University of Chicago	2024 – Present

TEACHING:**TEACHING ASSIGNMENTS:****SCHOOL OF MEDICINE**

Course #	Short Title	Format	Role	Term	Enrollment
*93KI690	Pediatrics Junior Clerkship (Third year medical students)	Inpatient Pediatric Ward Team	Attending Physician	All terms, 10/2019 to present	Average 1 student per month
*93KR710	Pediatric Nephrology for Senior Students (Fourth year medical student Elective Clerkship)	Inpatient Pediatric Ward Team	Attending Physician	All terms, 10/2019 to present	Variable; 5-10 students per year

GRADUATE SCHOOL

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Course #	Short Title	Format	Role	Term	Enrollment
*BME69500	Pediatric Medical Devices	In-person course for Masters level Biomedical Engineering Students	Guest Lecturer	Fall 2023, Fall 2024	40 students

MENTORING:

POSTGRADUATE (Resident and Fellows)

Individual	Role	Inclusive Dates
*1. Ashley Rawson, MD	Research mentor and Scholarship Oversight Committee member for Pediatric Nephrology Fellow. Supervised study of COVID-19 infection in dialysis unit, paper published in <i>Hemodialysis International</i> . Dr. Rawson is now a practicing pediatric nephrologist in Baton Rouge, LA.	Oct 2019 – June 2020
*2. Amy Hanson, MD	Longitudinal research and career mentor throughout residency and fellowship. This included multiple health service projects including project on disparities of health in COVID-19 (article published in <i>Frontiers in Public Health</i>) and medical student education during COVID-19 (published in <i>Cureus</i>). During fellowship, served as a mentor for several renal replacement therapy projects during critical care fellowship, including a secondary study on predictors of extubation failure in children on continuous renal replacement therapy and work on quality improvement in acute nephrology care, resulting in multiple selected oral platform presentations at upcoming meetings and multiple manuscripts currently in preparation.	Oct 2019 – Present
*3. Melvin Chan, MD	Faculty research mentor for resident research project of food insecurity in children with ESRD. Presented at ASN Kidney Week (2020) and published in <i>BMJ Pediatrics</i> . Dr. Chan is now a pediatric nephrology fellow at University of Colorado.	Oct 2019 – June 2021
*4. Jennifer Chmielewski, MD	Longitudinal research and career mentor during pediatric residency and neonatology fellowship as part of her Morris Green Research Concentration. Neonatal Kidney Collaborative Ancillary study “Detection of acute kidney injury in neonates.” Project was published in <i>Journal of Perinatology</i> . I continue to serve as a research mentor for several ongoing projects on fluid management in neonates during her neonatology fellowship, including validation of fluid output assessment and development of a calculator for fluid overload calculation. Her current work has resulted in multiple abstracts, including two accepted for poster presentation in the upcoming year and manuscripts in preparation.	Oct 2019 – Present
*5. Claire Liepmann, MD	Served as subject expert research mentor for Pediatric Infectious Disease Fellow as part of a research project of AKI and APOL1 on kidney outcomes in children with malaria.	July 2020 – June 2023
*6. Lindsey Gordon, MD	Research mentor for Pediatric Nephrology Fellow for research project on neonatology evaluation of fluid balance and fluid overload, published in <i>Journal of Perinatology</i> .	July 2022 – June 2023
*7. Shrea Goswami, MBBS	Served as fellowship research mentor and on Scholarship Oversight Committee. Several acute care and renal replacement therapy projects during fellowship, including a secondary study on glucose control in children on continuous renal replacement therapy and work on using ultrasound in children with AKI. Her current work will be presented as a	July 2021 – Present

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	selected oral abstract at an upcoming national meeting and a manuscript is currently in preparation.	
*8. Andrew Hopfield, MD	Faculty research mentor and as part of Scholarship Oversight Committee for fellow research project of identifying fluid overload in the Pediatric ICU, identifying QI improvement approaches. His work was recently presented as a selected oral abstract at a national meeting.	July 2022 – Present
*9. Tara Beck, MD	Distance mentor and subject expert for Neonatal Perinatal Medicine and Nephrology Fellow for a project on fluid management of fluid balance in neonates on ECMO.	July 2021– Present
*10. Evan Rajadhyaksha, MD	Faculty research mentor and as part of Scholarship Oversight Committee for fellow research project seeking to better understand approaches to CRRT liberation.	March 2024 – Present

GRADUATE

Individual	Role	Inclusive Dates
*1. Erica Geer	Research mentor for Indiana University Medical Student Program for Research and Scholarship (IMPRS) Summer Student. Completed project on long-term kidney outcomes in neonates with lung disease. Project was presented as PAS Poster Presentation (2022), manuscript currently in revisions for publication.	May – July 2021
*2. Abigail Delbridge	Research mentor for IMPRS Summer Student. Project on Food Insecurity and kidney health in neonates, presented at PAS 2022 as a Platform Presentation and at AKI Meeting in Cincinnati as a top abstract, manuscript currently in revisions for publication.	May – July 2022
*3. Julia Vanderkolk	Research mentor for IMPRS Summer Student. Project on patient and family recognition of AKI, AKI knowledge and educational needs which was presented at a national meeting, manuscript currently in revisions for publication.	May – July 2023
*4. Benjamin Holland	Research mentor for IMPRS Summer Student. Multiple neonatal nephrology projects which will be presented at a national meeting and a manuscript is in preparation.	May – July 2024

UNDERGRADUATE

Individual	Role	Inclusive Dates
*1. Eliza Weston	Research mentor for Medical Physician Engineers, Scientists, and clinicians Preparatory Program (MPESC-Prep) Summer Student. Project on fluid overload recognition in the Neonatal ICU, presented at Midwest SPR Meeting (October 2023) and manuscript published.	May – July 2023
*2. Haley Arrowood	Research mentor for MPESC-Prep Summer Student. Project on fluid overload recognition in the Pediatric ICU, presented at Midwest SPR Meeting (October 2023) and manuscript published.	May – July 2023
*3. Ishan Jasuka	Research mentor for high school student. Project on gender disparities in question asking behavior, presented at Midwest SPR Meeting (October 2023) and manuscript published in CJASN.	May – July 2023
*4. Autumn Vore	Research mentor for high school student as part of MPESC-Prep. Project on gender disparities in question asking behavior, presented at Midwest SPR Meeting (October 2023) and manuscript published in CJASN.	May – July 2023
*5. Alex Feeney	Research mentor for high school student doing research externship. Project on approaches to neonatal kidney injury which is part of a recently held NIH-sponsored consensus	January 2024

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	workshop and as a manuscript published in <i>Journal of Perinatology</i> .	
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Scholarship Oversight Committee Member

Name	Dates
*Elizabeth Spiwak, MD	Oct 2019 – June 2021
*Shrea Goswami, MD	July 2021 – Present
*Jennifer Chmielewski, MD	July 2021 – Present
*Claire Liepmann, MD	July 2021 – July 2023
*Andrew Hopfield, MD	July 2022 – Present
*Evan Rajadhyaksha, MD	July 2023 – Present

TEACHING ADMINISTRATION AND CURRICULUM DEVELOPMENT:

Program	Dates
Pediatric Resident Educational Program Development Seattle Children's Hospital and University of Washington <i>Established a novel resident educational curriculum based on the American Board of Pediatrics content specifications for Pediatric residents at University of Washington; organized and coordinated all sessions and participated as a lecturer for the course. Developed procedural skill competency program for all residents. Metric: Improved board pass rate from 92% to 99%.</i>	2015 – 2016
*Faculty Member, Neonatal and Infant Course for Kidney Support University of Alabama at Birmingham <i>Participate as a lecturer for the annual course, developed new modules and taught several sessions of course teaching concepts of dialysis therapy both in-person and virtually. This multi-disciplinary course is for nurses, providers and others that care for children needing kidney support therapy. This includes hands on sessions as an expert in kidney support therapy initiation and troubleshooting.</i>	2021– Present
*Co-Founder and longitudinal mentor, Six2 Crew Internship Neonatal Kidney Collaborative <i>Developed and founded structured internship for trainees (medical students, residents and fellows) interested in neonatal nephrology, coordinated all intern activities and served as a longitudinal mentor and advisor for the program. Program has included two cohorts of trainees to date (17 total) with over 100 applicants to date. The majority of trainees participating in the program have continued involvement in neonatal nephrology research after the conclusion of the program.</i>	2021 – Present

INVITED PRESENTATIONS – TEACHING**LOCAL**

Title	Location	Date
Acute Kidney Injury in Neonates	Pediatric Residency Capstone, Seattle Children's Hospital; Seattle, WA	2014
Renal Manifestations of Metabolic Diseases: CoQ2 Nephropathy	Inborn Errors of Metabolism Meeting, Seattle Children's Hospital; Seattle, WA,	2016
*Kidney Topics for Pediatric Residency Lecture	Indiana University School of Medicine Indianapolis, IN	2019 – Present (annual)
*Neonatal Nephrology Neonatal Perinatal Fellowship lectures on kidney issues	Indiana University School of Medicine Indianapolis, IN	2020 – Present (annual)
*Acute Care Nephrology Critical Care Fellowship lectures on kidney issues	Indiana University School of Medicine Indianapolis, IN	2020 – Present (annual)
*Smaller Patients, Smaller Dialysis Machines,	Neonatology Grand Rounds, Indiana University and Riley Hospital for Children	December 1, 2022

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*Neonatal Hypertension	Neonatology Grand Rounds, Indiana University and Riley Hospital for Children	January 2022
*Neonatal Dialysis	Neonatology Grand Rounds, Indiana University and Riley Hospital for Children	July 14, 2023
*Neonatal Acute Kidney Injury and Nephrotoxins	Neonatology Grand Rounds, Indiana University and Riley Hospital for Children	August 31, 2023
*Finding Your Why: Developing a Career in Research	Medical Physician Engineers, Scientists, and Clinicians Preparatory Program, Indiana University School of Medicine	September 2023
*Renal Replacement Therapy for Critical Care Physicians	Indiana University School of Medicine Indianapolis, IN	January 2, 2024

REGIONAL

Title	Location	Date
*Neonatal Nephrology: What? Why? How? And What's Next?	Washington University at St. Louis Nephrology Grand Rounds; St. Louis, MO (Virtual)	April 5, 2021
*Aquapheresis: Principles and Pragmatics	University of Minnesota Masonic Children's Hospital Nephrology and Neonatology Grand Rounds; Minneapolis, MN (Virtual)	May 8, 2021
*Neonatal Acute Kidney Injury	Brown University School of Medicine Pediatric Grand Rounds; Providence RI (Virtual)	January 7, 2022
*Aquapheresis and Approaches to Neonatal Dialysis.	University of Minnesota Masonic Children's Hospital Nephrology and Critical Care Grand Rounds; Minneapolis, MN. (Virtual)	March 13, 2023
*Options for Dialysis in Smaller Patients.	Advocate Children's Hospital Critical Care Grand Rounds; Chicago, IL. (Virtual)	April 7, 2023
*Acute Kidney Injury in Babies: What's Next?	Brigham and Women's Hospital and Harvard Medical School Department of Neonatology Grand Rounds; Boston, MA. (Virtual)	May 16, 2023
*Neonatal Dialysis	University of Minnesota Masonic Children's Hospital Critical Care Nursing Grand Rounds; Minneapolis, MN. (Virtual)	January 12, 2024

NATIONAL

Title	Location	Date
Embedding Direct Observation and Feedback into Rounds: A Rounding Coach Pilot	Association of Pediatric Program Directors (APPD) Annual Conference, New Orleans, Louisiana	April 1, 2016
*Acute Kidney Injury and Fluid Overload	Neonatal and Infant Course for Kidney Support, Birmingham, Alabama	July 2021
*Principles of Kidney Support Therapy	Neonatal and Infant Course for Kidney Support, Birmingham, Alabama	July 2021
*Neonatal Hypertension	American Academy of Pediatrics National Convention and Exhibition, Anaheim, CA.	October 8, 2022
*The Impact Fluid Balance on Neonates	Postgraduate Course on Neonatal Acute Kidney Injury, Pediatric Academic Societies and American Society of Pediatric Nephrology Annual Meeting, Washington, DC	April 28, 2023
*Kidney Support Therapy Basics	Neonatal and Infant Course for Kidney Support. Birmingham, Alabama	June 2023
*Hyperammonemia	Neonatal and Infant Course for Kidney Support. Birmingham, Alabama	June 2023
*Neonatal Nephrology	American Society of Pediatric Nephrology Small Group Workgroup	March 5, 2024

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*Understanding the pathophysiology, phases and molecular mechanisms of AKI	Postgraduate Course on Critical Care Nephrology, Pediatric Academic Societies and American Society of Pediatric Nephrology Annual Meeting, Washington, DC	April 28, 2024
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NATIONAL (PODCASTS)

Title	Podcast Name	Date
*Neonatal Acute Kidney Injury Diagnosis	<i>NICU Grads.</i> https://nicugradpodcast.com/ep-17/ . To date 1,201 downloads	September 2021
*Neonatal Acute Kidney Injury Management	<i>NICU Grads.</i> https://nicugradpodcast.com/ep-17/ . To date: 1,432 downloads	October 2021
*NephMadness 2022: Neonatal AKI	<i>The Curbsiders and Cribsiders Pediatric Podcast.</i> https://thecurbsiders.com/cribsiders-podcast/46 . To date: 19,565 downloads.	March 16, 2022
*Renal Tubular Acidosis	<i>The Incubator Neonatal Podcast.</i> https://www.the-incubator.org/review/ To date: 5,039 downloads	February 2023
*IV Fluids – Salty and Sweet	<i>The Cribsiders Pediatric Medicine Podcast.</i> https://thecurbsiders.com/cribsiders-podcast/76 . To date: 23,136 downloads.	December 28, 2022
*Saltshakers and Stethoscopes: A Practical Approach to Hyponatremia	<i>The Cribsiders Pediatric Medicine Podcast.</i> https://thecurbsiders.com/cribsiders-podcast/96 . To date: 11,644 downloads	October 26, 2023

VIRTUAL

Title	Program Name	Date
*Intern, Faculty Member	NephSim	2018 – 2022
*NephJC Steering Committee	Nephrology Social Media Collective	2020 – Present

RESEARCH/CREATIVE ACTIVITY:

ACTIVE RESEARCH GRANTS/FELLOWSHIPS
<p>*Improving the prediction of bronchopulmonary dysplasia by identifying kidney-based risk factors Granting Agency: NIH/NHLBI (K23 HL168362-01A1) Role: PI Effort: 75% Total Funds: \$911,640 Dates: 12/2023 – 11/2028</p> <p>The purpose of this career development award is to establish critical kidney-based candidates for early detection of severe BPD in premature infants and develop a clinical prediction model to identify premature infants at risk for severe BPD. My central hypothesis is that acute kidney injury (AKI) and fluid overload contribute to severe BPD development and are linked by angiogenesis. Specific aims for the K23 are to: (1) Develop a clinical prediction model that uses markers of kidney disease to estimate severe BPD risk in premature infants, and (2) Identify longitudinal patterns of angiogenesis biomarkers in premature infants that predict BPD.</p>
<p>*ΩConsensus Workshop to Address Kidney Health in High-Risk Neonatal intensive Care Unit Graduates Granting Agency: NIH/NIDDK (R13 1R13DK137550-01) Role: PI Effort: 0% Total Funds: \$13,000 Dates: 7/1/23 – 6/30/24</p> <p>The purpose of this proposal is to support a consensus workshop to develop recommendations for clinicians in determining who, when, and how to evaluate kidney health in NICU graduates. These recommendations will not only allow for improvements in clinical care, but they will also help improve how we perform research. This</p>

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<p>Workshop is also essential to future research through the NIH. Pragmatic clinical studies and multicenter collaborative work require a shared understanding of best practices to monitor kidney health.</p>
<p>*Multicenter Evaluation of Solute Loss and Growth in Neonates and Infants Receiving Kidney Replacement Therapy Granting Agency: Gerber Foundation Role: Co-Investigator Effort: 0% Total Funds: \$4,400 Dates: 7/1/22 – 6/30/25</p> <p>The purpose of this multidisciplinary team science grant is to evaluate if dialysis prescription heterogeneity impacts removal of important solutes that affect outcomes including survival and growth in follow-up. This study will lay the foundation for a study in which the dialysis prescription is standardized in a step wedge cluster randomized controlled trial where the derived prescription will be set as a new standard of care.</p>
<p>*ΩMalaria associated pathogenesis of chronic kidney disease (MAP-CKD) Granting Agency: NIH/NIDDK (5R01AI165946) Role: Co-Investigator Effort: 5% Total Funds: \$3,153,713 Dates: 7/1/21 – 6/30/24</p> <p>The purpose of this proposal, led by Dr. Andrea Conroy PhD (Ryan White Center for Pediatric Infectious Diseases and Global Health, Department of Pediatrics) is to better understand the pathogenesis of AKI in children with malaria and factors influencing the progression and pathogenesis of chronic kidney disease. My role in this ambitious R01 award is to assist with the development of protocols, particularly with respect to small children and neonates.</p>
<p>COMPLETED RESEARCH GRANTS/FELLOWSHIPS</p>
<p>*Improving the Prediction and Communication of Chronic Kidney Disease in Prematurely Born Children Granting Agency: Indiana Clinical and Translational Sciences Institute (K12TR004415) Role: PI Effort: 75% Total Funds: 75% salary support and \$12,500 research support per year Dates: 7/1/23 – 12/1/23</p> <p>The purpose of this early career award was to establish a prediction model that can be used to risk stratification of premature children at high risk of CKD, while engaging parents and caregivers to define the best methods and content for communicating the risk of CKD in premature infants.</p>
<p>*ULTRA-Peds Data Registry Granting Agency: Watermark Research, AKI Foundation Role: Co-Investigator Effort: 0% Total Funds: \$30,000 Dates: 7/1/21 – 1/1/24</p> <p>The foundation supported project sought to better understand the clinical characteristics, treatment courses and outcomes of pediatric patients treated with aquapheresis using the Aquadex systems. This retrospective and prospective registry gathered clinical information on patients treated with CRRT using this new therapy.</p>
<p>Exploring Post-Natal Nephrogenesis in Prematurely Born Neonates Granting Agency: Pediatric Pilot Fund, Center for Clinical and Translational Research, University of Washington Role: PI Effort: 0% Total Funds: \$20,000 Dates: 10/2018 – 9/2019</p> <p>The purpose of this multidisciplinary collaborative project was to explore the factors that determine post-natal nephrogenesis using induced pluripotent stem cells.</p>

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<p><i>Food Insecurity in Children with Chronic Illness</i> Granting Agency: Community Access to Child Health (CATCH) Program American Academy of Pediatrics Role: PI Effort: 0% Total Funds: \$10,000 Dates: 9/2018 – 8/2019</p> <p>The goal of this work was to support the development of food insecurity screening practices and programs as well as food resources for families at high risk of food insecurity in the kidney disease clinic – including those with chronic kidney disease and hypertension. We also sought to understand the impact of food insecurity on clinical care, disease course, and outcomes.</p>
<p><i>Acute Kidney Injury and Lung Disease in Neonates</i> Granting Agency: NIH/NIDDK (T32DK007662) Role: Investigator Effort: 80% Dates: 7/2017 – 8/2019</p> <p>The goal of this project was to explore the relationship between kidney and lung disease in the multicenter Assessment of Worldwide Acute Kidney Injury Epidemiology in Neonates (AWAKEN) study.</p>
PENDING RESEARCH GRANTS
<p><i>*ΩReimagining the Approach to Vesicoureteral Reflux and Urinary Tract Infections in Children</i> Granting Agency: PCORI Role: Primary Investigator Effort: 30% Dates: Submitted LOI 6/2024</p>
GRANTED BUT NOT ACCEPTED RESEARCH GRANTS/FELLOWSHIPS
<p><i>*Using Learning Health Systems to Predict Chronic Kidney Disease in Prematurely Born Infants</i> Granting Agency: AHRQ (KL2) Role: Investigator Effort: 75% Dates: Granted 9/2021, declined due to well-scored K23 NIDDK grant application</p>
SUBMITTED BUT NOT FUNDED RESEARCH GRANTS/FELLOWSHIPS
<p><i>*Kidney-Lung Crosstalk and Predicting Chronic Kidney Disease in Prematurely Born Infants</i> Granting Agency: NIH/NIDDK (K23) Role: PI Effort: 75% Dates: Submitted 6/2020 (Score 53)</p>
<p><i>*Kidney-Lung Crosstalk and Chronic Kidney Disease in Prematurely Born Infants</i> Granting Agency: American Society of Nephrology Role: PI Effort: 75% Dates: Submitted 12/2020</p>
<p><i>*Acute Renal Injury Sequelae in NICU Graduates (ARISING) Study</i> Granting Agency: NIH/NIDDK (U01) Role: Co-Investigator Effort: 5% Dates: Submitted 7/2020 (Resubmitted 6/2021)</p>
<p><i>*Kidney-Lung Crosstalk and Chronic Kidney Disease in Prematurely Born Infants</i> Granting Agency: American Society of Nephrology Role: PI Effort: 75% Dates: Resubmitted 12/2022</p>
<p><i>*Kidney-Lung Crosstalk and Predicting Chronic Kidney Disease in Prematurely Born Infants</i> Granting Agency: NIH/NIDDK (K23) Role: PI Effort: 75% Dates: Resubmitted 3/2021 (Score 30)</p>

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<p>*Kidney-Lung Crosstalk in Prematurely Born Infants Granting Agency: Society for Pediatric Research Bridge Grant Role: PI Effort: 75% Dates: Resubmitted 7/2022</p>
<p>*Acute Renal Injury Sequelae in NICU Graduates (ARISING) Study Granting Agency: NIH/NIDDK (U01) Role: Co-Investigator Effort: 5% Dates: Submitted 6/2021 (Resubmitted 10/2023)</p>
<p>*Improving the prediction of bronchopulmonary dysplasia by identifying kidney-based risk factors Granting Agency: NIH/NHLBI Role: PI Effort: 75% Dates: Submitted 6/2022 (Resubmitted 2/2023)</p>
<p>*Acute Renal Injury Sequelae in NICU Graduates (ARISING) Study Granting Agency: NIH/NIDDK (U01) Role: Co-Investigator Effort: 5% Dates: Submitted 10/2023</p>

INVITED PRESENTATIONS IN RESEARCH

LOCAL

*1	<i>Kidneys and Lungs in Neonatal Kidney Disease</i> . Works in Progress, IUSM PACER Center. October 2019.
*2.	<i>The Impact of Increased Awareness of Acute Kidney Injury in the Neonatal Intensive Care Unit on Acute Kidney Injury Incidence and Recognition: Results of a Retrospective Cohort Study: PAS Highlights 2020</i> . Pediatric Grand Rounds, Indiana University and Riley Hospital for Children.
*Ω3.	<i>COVID-19 in Vulnerable Population, a Pediatric Nephrology Perspective</i> . Indiana University Wells Center Research Seminar. July 20, 2020.
*4.	<i>The Impact of Fluid Balance on Short- and Long-Term Respiratory Outcomes in Extremely Premature Neonates: Results from the PENUT Study: PAS Highlights 2022</i> . Pediatric Grand Rounds, Indiana University and Riley Hospital for Children.
*5.	<i>When Time is Everything: Reducing Time to Continuous Renal Replacement Therapy Initiation. Pediatric Quality Improvement Competition Winner</i> , Pediatric Grand Rounds, Indiana University and Riley Hospital for Children, October 17, 2023.
*6.	<i>Optimizing Patient Care Through Longer Continuous Renal Replacement Therapy Circuit Life. Pediatric Quality Improvement Competition Winner</i> , Pediatric Grand Rounds, Indiana University and Riley Hospital for Children, October 17, 2023.
*7.	<i>Acute Kidney Injury is Associated with Impaired Growth in Neonates: PAS Highlights 2024</i> . Pediatric Grand Rounds, Indiana University and Riley Hospital for Children. March 27, 2024.

REGIONAL

1.	<i>Food Insecurity in Children with Kidney Disease</i> . Western Society of Pediatric Nephrology Annual Meeting; Los Angeles, CA, October 14, 2017.
2.	<i>Acute Kidney Injury is Associated with Chronic Lung Disease in Infants</i> . Seattle Children's Hospital Fellow and Resident Research Day; Seattle, WA, April 20, 2018.
*3.	<i>Neonatal Nephrology: What Do We Know? What Do We Have to Learn?</i> Nationwide Children's Hospital Nephrology Grand Rounds; Columbus, OH, October 6, 2020. (Virtual)
*4.	<i>Kidney Disease After the NICU: AKI, CKD, and Lessons Left to Learn</i> . University of Colorado and Colorado Children's Hospital Renal Grand Rounds; Denver, CO, March 31, 2021. (Virtual)
*5.	<i>Acute Kidney Injury and Kidney-Lung Crosstalk</i> . Renal Research Grand Rounds, Brown University; Providence RI. January 7, 2022. (Virtual)
*6.	<i>AKI, BPD, and CKD: The Role of Kidney-Lung Crosstalk</i> . Beth Israel Deaconess Medical Center and Harvard Newborn Health Services Epidemiology Seminar Series. December 8, 2022 (Virtual).
*7.	<i>Fluid Overload and Fluid Balance in the Development of Bronchopulmonary Dysplasia</i> . University of Pittsburgh Division of Neonatology; Pittsburg, PA June 8, 2023 (Virtual).

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‡ Denotes mentored trainee first author project

Ω Denotes diversity, equity and inclusion focus

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*Ω8.	<i>Supporting Health Equity through Food Security for All Patients.</i> Pediatric Grand Rounds, University of Iowa School of Medicine and Stead Family Children's Hospital. February 2, 2024.
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NATIONAL

1.	<i>Food Insecurity in End-Stage Kidney Disease.</i> Annual Dialysis Convention Annual Meeting, Dallas, TX. March 16, 2019.
2.	<i>Neonatal Kidney Collaborative: A Young Investigator's Perspective.</i> Pediatric Academic Society Annual Meeting, Baltimore, MD. April 31, 2019.
*3.	<i>Urine the Know.</i> Panel speaker and co-moderator. Pediatric Academic Society Annual Meeting. Electronic due to COVID-19 Pandemic, July 10, 2020.
*Ω4.	<i>Food Insecurity in Children with End-Stage Kidney Disease.</i> American Society of Nephrology Kidney Week. Electronic due to COVID-19 Pandemic, October 23, 2020.
*Ω5	<i>Supporting Health Equity through Food Security for All Patients.</i> Pediatric Academic Society Annual Meeting, Denver, CO. April 22, 2022.
*Ω6.	<i>Gaps in Diagnosis and Management of Neonatal AKI: The role of Multidisciplinary Teams.</i> 19 th Congress of the International Pediatric Nephrology Association (IPNA) Meeting, Calgary, ON. September 9, 2022.
*Ω7.	<i>Diagnosis and Management of Acute Kidney Injury in the Pearl of Africa.</i> Miami Pediatric Nephrology Meeting, Miami, FL (Virtual). October 16, 2022.
*8.	<i>Neonatal Critical Care Nephrology: Where we are and Future Directions.</i> International Pediatric Nephrology Association (Virtual). May 18, 2023.
*Ω9.	<i>Bringing Family Voices to Pediatric Nephrology Care.</i> Miami Pediatric Nephrology Meeting, Miami, FL (Virtual). March 17, 2024.

SERVICE:**UNIVERSITY SERVICE:**

DEPARTMENT

Activity	Organization	Dates
*Pediatric Resident Physician Education. Attending on Inpatient Pediatric Nephrology Service, 5-6 weeks per year, 5-10 hours per week formal clinical teaching.	Riley Hospital for Children at IU Health; Residents (Pediatrics, Medicine/Pediatrics, Emergency Medicine/Pediatrics, and Triple Board) & Pediatric Nephrology Fellows	10/2019 – Present
*Faculty interviewer for pediatric residency, Morris Green Research Pathway and nephrology, neonatology and critical care fellowship programs	Riley Hospital for Children at IU Health	10/2019 – Present
*Pediatrics Faculty Improvement Portfolio Committee	Riley Hospital for Children at IU Health	12/2019 – Present
*Continuous Renal Replacement Therapy, Medical Director	Riley Hospital for Children at IU Health	10/2020 – Present
*Continuous Renal Replacement Therapy, Quality improvement quarterly sessions and MOC Project	Riley Hospital for Children at IU Health	7/2021 – Present

SCHOOL OF MEDICINE

Activity	Location	Dates
*Medication Safety Steering Committee	IU School of Medicine	4/2021 – Present

UNIVERSITY

Activity	Location	Dates
*Indiana Clinical and Translational Science Institute Pediatric Project Development Team	IU School of Medicine	2022 – Present
*Indiana Clinical and Translational Science Institute Concepts to Clinic Project Development Team	IU School of Medicine	2022 – Present

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**PROFESSIONAL SERVICE
NATIONAL**

Activity	Organization	Dates
*Public Policy Committee Co-Chair Chair	American Society of Pediatric Nephrology	2017 – Present 2019 – 2021 2021 – 2023
*Board Preparatory Course Faculty Neonatal Nephrology Acquired Renal Dysfunction Renal Development Hypertension	NeoPREP American Academy of Pediatrics	2021 – Present
* Board Preparatory Course Faculty Acute Kidney Injury Neonatal Nephrology	American Society of Pediatric Nephrology	2023 – Present
*Ad Hoc reviewer	American Journal of Kidney Disease <i>American Journal of Perinatology</i> <i>Blood Purification</i> <i>BMJ Open</i> <i>Frontiers Pediatrics</i> <i>JAMA</i> <i>JAMA Pediatrics</i> <i>JAMA Network Open</i> <i>Journal of Nephrology</i> <i>Journal of Pediatrics</i> <i>Journal of Perinatology</i> <i>Lancet</i> <i>Neonatology</i> <i>Pediatric Nephrology</i> <i>Pediatric Research</i> <i>Pediatrics</i>	2017 – Present
*Board Member	Neonatal Kidney Collaborative	2019 – Present
*Research Committee Co-Chair	Neonatal Kidney Collaborative	2019 – Present 2023 – Present
*Abstract Reviewer	Pediatric Academic Societies American Society of Nephrology	2020 – Present
*Guest Associate Editor on Pediatric Kidney Issues in COVID-19	Frontiers in Pediatric: Pediatric Nephrology	2020
*Early Career Reviewer	National Institute of Health, NIDDK	2021 – Present
*Faculty Member	Pediatric Acute Dialysis Quality Initiative (pADQI)	2020-2022
*Board Preparatory Course Planning Committee	American Society of Pediatric Nephrology	2024 – Present

PATIENT CARE/CLINICAL SERVICE:

Activity	Description	Dates
*Attending MD on Inpatient Pediatric Nephrology Service. 5-6 weeks per year.	Provision of comprehensive inpatient pediatric renal care (both primary renal service and consultative services, as well as full range of pediatric dialysis services), Riley Hospital for Children.	10/2019 – Present
*Attending MD in Pediatric Nephrology Clinic. Typically 2 half-day sessions per month	Provision of comprehensive outpatient pediatric renal and hypertension care, Riley Hospital for Children.	10/2019 – Present

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*Neonatal Nephrology Program	Developed inpatient and outpatient neonatal nephrology program. This novel clinical program, run by a full-time nurse practitioner, has been successful in increasing our recognition of, and care for, neonates with AKI. This includes development new clinical practice guidelines for the monitoring and management of neonatal acute kidney injury. Metric: To date, more than 400 infants have been seen as inpatients and followed up in our outpatient program to detect kidney disease.	2020 – Present
*Continuous Renal Replacement Therapy (CRRT) Provider Training Riley Hospital for Children	1. Developed new curriculum for CRRT nursing education including initial training as well as maintenance of competencies; participated as a lecturer for the course and developed new content for ongoing education. 2. Developed new protocols to improve the care of children cared for with acute renal replacement therapies, including standardization of approaches. Metric: Assisted with the training and onboarding of over 120 nurses caring for children requiring CRRT. Established Quality Improvement program with AAP Maintenance of Certification (MOC) for providers, established metrics and targeted sustainable quality improvement over time.	2020 – Present
*Aquapheresis Provider Training Riley Hospital for Children	Developed new training curriculum for Aquapheresis (a novel dialysis machine for small children) for physician faculty, nurses and other support staff; participated as a lecturer for the course. Metric: Established new dialytic option for treatment of small children and infants, have treated more than 40 patients to date. Assisted with the training and onboarding of nurses caring for children requiring Aquapheresis.	2020 – Present
*Inpatient Director of Operations, Pediatric Nephrology	Provide oversight for programmatic changes on the inpatient unit and participate in shared leadership meetings.	2023 – Present

RESEARCH & CREATIVE ACTIVITY

Number of peer-reviewed publications: 86

Publications within Rank: 67

First or senior author publications within Rank: 32

Metrics: h-index: 23 (Google Scholar), Citations: 3,812, I-10-index 33

Peer-Reviewed Journal Articles

1.	Woodhall D, Starr MC , Montgomery SP, Jones JE, Lum F, Read R, Moorthy R. Ocular Toxocariasis, United States, 2009-2010. <i>Centers for Disease Control MMWR Morb Mortal Wkly Rep</i> ; 60(22):734-6, 2011. PMID: 21659981.
2.	Woodhall D, Starr MC , Montgomery SP, Jones JE, Lum F, Read R, Moorthy R. Systemic Toxocariasis, United States, 2009-2010. <i>Centers for Disease Control MMWR Morb Mortal Wkly Rep</i> ; 60(22):737-8, 2011. PMID: 21659982.
3.	Starr MC , Montgomery SP. Soil-transmitted helminthiasis in the United States: A Systematic Review – 1940-2010. <i>Am J Trop Med Hyg</i> ; 85(4)680-4, 2011. PMID: PMC3183777.
4.	Woodhall D, Starr MC , Montgomery SP. Ocular toxocariasis: epidemiologic, anatomic, and therapeutic variations based on survey of ophthalmic subspecialists. <i>Ophthalmology</i> ; 119(6):1211-7, 2012. PMID: 22336630.
5.	Montgomery SP, Starr MC , Cantey PT, Edwards MS, Meymandi SK. Neglected Parasitic Infections in the United States: Chagas Disease. <i>Am J Trop Med Hyg</i> ; 90(5)814-8, 2014. PMID: PMC4015570.
6.	Secor WE, Meites E, Starr MC , Workowski KA. Neglected Parasitic Infections in the United States: Trichomoniasis. <i>Am J Trop Med Hyg</i> ; 90(5)800-4, 2014. PMID: PMC4015567.
7.	Cantey PT, Wilkins PP, Coyle CM, Sorvillo FJ, Starr MC , Nash TE. Neglected Parasitic Infections in the United States: Cysticercosis. <i>Am J Trop Med Hyg</i> ; 90(5)805-9, 2014. PMID: PMC4015568.

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8.	Starr MC , Klein EJ, Sugar N. A Perplexing Case of Child Abuse: Oral Injuries in Abuse and Physician Reporting Responsibilities. <i>Pediatr Emerg Care</i> ; 31(8):581-3, 2015. PMID: 25426684.
9.	Sawyer T, Starr MC , Jones M, Hendrickson M, Bosque E, McPhillips H, Batra M. Real versus simulated umbilical cords for emergency umbilical catheterization training: A randomized crossover study. <i>J Perinatol</i> ; 37(2):177-181, 2017. PMID: 27787505.
10.	Starr MC , Sawyer T, Jones M, Batra M, McPhillips H. A Simulation-based Quality Improvement Approach to Improve Pediatric Resident Competency with Required Procedures. <i>Cureus</i> ; 9(6): e1307, 2017. PMCID: PMC5493469.
11.	Jetton JG, Boohaker LJ, Sethi SK, Wazir S, Rohatgi S, Soranno DE, Chishti AS, Woroniecki R, Mammen C, Swanson JR, Sridhar S, Wong CS, Kupferman JC, Griffin RL, Askenazi DJ, Neonatal Kidney Collaborative . Incidence and outcomes of neonatal acute kidney injury (AWAKEN): a multicenter, multinational, observational cohort study. <i>Lancet Child Adolesc Health</i> ; 1(3):184-94, 2017. PMCID: PMC5933049. (Note: Collaborative Author)
12.	Starr MC , Askenazi DJ, Goldstein SL, MacDonald JW, Bammler TK, Brophy P, Juul SE, Mayock DE, Hingorani SR. Impact of Processing Methods on Urinary Biomarker Analysis in Neonates. <i>Pediatr Nephrol</i> ; 33(1):181-186, 2018. PMCID: PMC5700848.
13.	Kent AL, Charlton JR, Guillet R, Gist KM, Hanna M, El Samra A, Fletcher J, Selewski DT, Mammen C, Neonatal Kidney Collaborative . Neonatal Acute Kidney Injury: A Survey of Neonatologists' and Nephrologists' Perceptions and Practice Management. <i>Am J Perinatol</i> ; 35(1):1-9, 2018. PMID: 28709164. (Note: Collaborative Author)
14.	Starr MC , Hingorani SR. Prematurity and Future Kidney Health: The Growing Risk of Chronic Kidney Disease. <i>Curr Opin Pediatr</i> ; 30(2): 228-235, 2018. PMCID: PMC6085891.
15.	Starr MC , Fisher K, Thompson K, Thurber-Smith K, Hingorani SR. Food Insecurity Among Children in a Pediatric Nephrology Clinic: Results of a Pilot Study. <i>Prev Med Rep</i> ; 2(10): 113-116. PMCID: PMC5966523
16.	Starr MC , Chang IJ, Finn LS, Sun A, Larson AA, Goebel J, Hanevold C, Howell J, Van Hove JLK, Hingorani SR, Lam C. COQ2 Nephropathy: A Treatable Cause of Nephrotic Syndrome in Children. <i>Pediatr Nephrol</i> ; 33(7):1257-1261. PMCID: PMC5990461.
17.	Harer MW, Askenazi DJ, Boohaker LJ, Carmody JB, Griffin RL, Selewski DT, Swanson JR, Charlton JR, Neonatal Kidney Collaborative . Association Between Early Caffeine Citrate Administration and Risk of Acute Kidney Injury in Preterm Neonates: Results From the AWAKEN Study. <i>JAMA Pediatr</i> ; 172(6): e180322, 2018. PMCID: PMC6137530. (Note: Collaborative Author)
18.	Kraut EJ, Boohaker LJ, Askenazi DJ, Fletcher J, Kent AL, Neonatal Kidney Collaborative . Incidence of neonatal hypertension from a large multicenter study [Assessment of Worldwide Acute Kidney Injury Epidemiology in Neonates – AWAKEN]. <i>Pediatr Res</i> ; 82(2):279-289, 2018. PMID: 29795211. (Note: Collaborative Author)
19.	Kirkley MJ, Boohaker L, Griffin R, Soranno DE, Gien J, Askenazi D, Gist K, Neonatal Kidney Collaborative . Acute kidney injury in neonatal encephalopathy: an evaluation of the AWAKEN database. <i>Pediatr Nephrol</i> ; 34(1):169-176, 2018. PMCID: PMC6986688. (Note: Collaborative Author)
*20.	Starr MC , Flynn JL. Neonatal hypertension: Cases, Causes and Clinical Approach. <i>Pediatr Nephrol</i> ; 34(5):787-799, 2019. PMCID: PMC6261698.
*21.	Charlton JR, Boohaker LJ, Askenazi DK, Brophy PD, D'Angio C, Fuloria M, Gien J, Griffin R, Hingorani S, Ingraham S, Mian A, Ohls RK, Rastogi S, Rhee CJ, Revenis M, Sarkar S, Smith A, Starr MC , Kent AL. Incidence and Risk Factors of Early Onset Neonatal Acute Kidney Injury. <i>Clin J Am Soc Nephrol</i> ; 14(2):184-195, 2019. PMCID: PMC6390916. <i>Collected all data entry for one of the 16 sites for AWAKEN study, participated in data analysis and writing of paper.</i>
*22.	Charlton JR, Boohaker LJ, Askenazi DK, Brophy PD, D'Angio C, Fuloria M, Gien J, Griffin R, Hingorani S, Ingraham S, Mian A, Ohls RK, Rastogi S, Rhee CJ, Revenis M, Sarkar S, Smith A, Starr MC , Kent AL. Late onset neonatal acute kidney injury: results from the AWAKEN Study. <i>Pediatr Res</i> ; 85(3):339-348, 2019. PMCID: PMC6438709. <i>Collected all data entry for one of the 16 sites for AWAKEN study, participated in data analysis and writing of paper.</i>
*Ω23.	Starr MC , Wightman A, Munshi R, Li A, Hingorani S. Association of Food Insecurity and Acute Health Care Utilization in Children with End-Stage Kidney Disease. <i>JAMA Pediatr</i> ; 173(11):1097-1099, 2019. PMCID: PMC6735494. <i>I conceptualized this study, performed the data analysis and drafted the manuscript.</i>

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*24.	Evers PD, Starr MC , McNeil MJ, O'Neil L, Posa A, Savage T, Migita R. Suspected Pediatric Influenza Risk-Stratification Algorithm: A Clinical Decision Tool. <i>Pediatr Emerg Care</i> ; 36(1):1-8, 2019. PMID: 28763405. <i>Collaborated in conceptualizing the study, collected data for 50% of cohort, participated in data analysis and writing of paper.</i>
*25.	Selewski DT, Akcan-Arikan A, Boachea EM, Gist KM, Goldstein SL, Hanna M, Joseph C, Mahan JD, Nada A, Nathan AT, Reidy K, Staples A, Wintermark P, Boohaker LJ, Griffin R, Askenazi DJ, Guillet R, Neonatal Kidney Collaborative . The impact of fluid balance on outcomes in critically ill near-term/term neonates: a report from the AWAKEN study group. <i>Pediatr Res</i> ; 85(1):79-85, 2019. PMID: PMC6941736. <i>Collaborative Authorship, collected all data entry for one of the 16 sites for AWAKEN study, participated in data analysis and critically reviewed manuscript.</i>
*26.	Askenazi D, Abitbol C, Boohaker L, Griffin R, Raina R, Dower J, Davis TK, Ray PE, Perazzo S, DeFreitas M, Milner L, Ambalavanan N, Cole FS, Rademacher E, Zappitelli M, Mhanna M, Neonatal Kidney Collaborative . Optimizing the AKI definition during first postnatal week using Assessment of Worldwide Acute Kidney Injury Epidemiology in Neonates (AWAKEN) cohort. <i>Pediatr Res</i> ; 85(3):329-338, 2019. PMID: PMC6377843. <i>Collaborative Authorship, collected all data entry for one of the 16 sites for AWAKEN study, participated in data analysis and critically reviewed manuscript.</i>
*27.	Stoops C, Boohaker L, Sims B, Griffin R, Selewski DT, Askenazi D, on behalf of the Neonatal Kidney Collaborative . The Association of Intraventricular Hemorrhage and Acute Kidney Injury in Premature Infants from the Assessment of the Worldwide Acute Kidney Injury Epidemiology in Neonates (AWAKEN) Study. <i>Neonatology</i> ; 116(4):321-330, 2019. PMID: PMC6881521. <i>Collaborative Authorship, collected all data entry for one of the 16 sites for AWAKEN study, participated in data analysis and critically reviewed manuscript.</i>
*28.	Starr MC , Boohaker L, Eldredge L, Menon S, Griffin R, Mayock D, Li L, Askenazi D, Hingorani S. Acute Kidney Injury and Bronchopulmonary Dysplasia in Premature Neonates Born Less Than 32 Weeks Gestation. <i>Am J Perinatol</i> ; 37(3):341-348, 2020. PMID: PMC740913. <i>I conceptualized this study, assisted with the data analysis and drafted the manuscript.</i>
*29.	Starr MC , Boohaker L, Eldredge L, Menon S, Griffin R, Mayock D, Askenazi D, Hingorani S. Acute Kidney Injury is Associated with Poor Lung Outcomes in Infants Born >32 Weeks Gestation. <i>Am J Perinatol</i> ; 37(2):231-240, 2020. PMID: PMC7408289. <i>I conceptualized this study, assisted with the data analysis and drafted the manuscript.</i>
*30.	Selewski DT, Gist KM, Nathan AT, Goldstein SL, Boohaker LJ, Akcan-Arikan A, Bonachea EM, Hanna M, Joseph C, Mahan JD, Mammen C, Nada A, Reidy K, Staples A, Wintermark P, Griffin R, Askenazi DJ, Guillet R, Neonatal Kidney Collaborative . The impact of fluid balance on outcomes in premature neonates: a report from the AWAKEN study group. <i>Pediatr Research</i> ; 87(3):550-557, 2020. PMID: PMC7036003. <i>Collaborative Authorship, collected all data entry for one of the 16 sites for AWAKEN study, participated in data analysis and critically reviewed manuscript.</i>
*31.	Hains DS, Schwaderer AL, Carroll AE, Starr MC , Wilson AC, Amanat F, Krammer F. Asymptomatic Seroconversion of Immunoglobulins to SARS-CoV-2 in a Pediatric Dialysis Unit. <i>JAMA</i> ; 323(23):2424-2425, 2020. PMID: PMC7226282. <i>Developed study question and protocol, completed clinical data analysis, participated in writing of manuscript.</i>
*32.	Starr MC , Banks R, Reeder RW, Fitzgerald JC, Pollack MM, Meert KL, McQuillen PS, Mourani PM, Chima PS, Sorenson S, Varni JM, Hingorani S, Zimmerman J. Severe Acute Kidney Injury in Pediatric Sepsis is an Independent Risk Factor for Death and New Disability and Decreased Health Related Quality of Life. <i>Pediatr Crit Care Med</i> ; 21(9):e686-e695, 2020. PMID: PMC7483282. <i>I conceptualized this study, assisted with the data analysis and drafted the manuscript.</i>
*33.	Starr MC , Kula A, Lieberman J, Menon S, Perkins A, Lam T, Chabra S, Hingorani S. The Impact of Increased Awareness of Acute Kidney Injury in the Neonatal Intensive Care Unit on Acute Kidney Injury Incidence and Recognition: Results of a Retrospective Cohort Study. <i>J Perinatol</i> ; 40(9):1301-1307, 2020. PMID: PMC7442645. <i>I conceptualized this study, performed the data analysis and drafted the manuscript.</i>

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*‡34.	Rawson A, Wilson A, Schwaderer A, Starr MC . Coronavirus Disease 2019 (COVID-19) in Two Pediatric Patients with Kidney Disease on Chronic Immunosuppression: A Case Series. <i>Hemodial Int</i> ; doi:10.1111/hdi.12876, 2020. PMID: 33015942. <i>I assisted with development of project and critically reviewed the drafted manuscript as the senior author.</i>
*Ω35.	Batte A, Starr MC , Schwaderer A, Opoka RO, Namazzi R, Phelps Nishiguchi ES, Ssenkusu JM, John CC, Conroy AL. Methods to estimate baseline creatinine and define acute kidney injury in lean Ugandan children with severe malaria: a prospective cohort study. <i>BMC Nephrol</i> ; 21(1):417, 2020. PMID: PMC7526147. <i>I participated in the study design and analysis and final manuscript editing.</i>
*36.	Bjornstad EC, Krallman KA, Askenazi D, Zappitelli M, Goldstein SL, Basu RK, SARS COV2 and Pediatric AKI Registry and Collaborative . Preliminary Assessment of Acute Kidney Injury in Critically Ill Children Associated with SARS-CoV-2 Infection. <i>Clin J Am Soc Neph</i> ; 2020. DOI: 10/2215/CJN.11470720. <i>Collaborative Authorship, I participated in the study design, data collection and analysis and final manuscript editing.</i>
*37.	Canas JC, Starr MC , Wilson AC, Carroll AE, Amanat F, Krammer F, Schwaderer AL, Hains DS. Longitudinal SARS-CoV-2 Seroconversion and Functional Heterogeneity in a Pediatric Dialysis Unit. <i>Kidney Int</i> ; 2020. <i>Assisted with the development of study question and protocol, completed clinical data analysis, participated in writing of manuscript.</i>
*‡Ω38.	Hanson AE, Hains DS, Schwaderer AL, Starr MC . Variation in COVID-19 Diagnosis by Zip Code and Race and Ethnicity in Indiana. <i>Frontiers in Public Health</i> ; 2020. <i>I helped with development of project, assisted with data analysis and critically reviewed the drafted manuscript as the senior author.</i>
*39.	Starr MC , Menon S. Neonatal acute kidney injury: a case-based approach. <i>Pediatr Nephrol</i> ; 2021 Feb 17. DOI:10.1007/s00467-021-04977-1. PMID: 33594463 <i>I conceptualized this study and drafted the manuscript.</i>
*Ω40.	Bignall OR, Harer MW, Sanderson KR, Starr MC . Commentary on “Trends and Racial Disparities for Acute Kidney Injury in Premature Infants: The US National Database. <i>Pediatr Nephrol</i> ; 2021 April 8. DOI:10.1007/s00467-02-05062-3. PMID: 33829326. <i>I was approached to write a commentary on a publication in Pediatric Nephrology, created writing team and conceptualized this manuscript and drafted a section of the manuscript as the senior author.</i>
*‡41.	Crisci T, Arregui S, Canas J, Hooks J, Chan M, Powers C, Schwaderer AL, Hains DS, Starr MC . Placement on COVID-19 Units Does Not Increase Seroconversion Rate of Pediatric Graduate Medical Residents. <i>Front Pediatr</i> 9:633082. DOI: 10.3389/fped.2021.633082. <i>I helped with development of project, assisted with data analysis and critically reviewed the drafted manuscript as the senior author.</i>
*42.	Basu RK, Bjornstad EC, Gist KM, Starr MC , Zappitelli M, Askenazi D, Goldstein SL. Acute Kidney Injury in Critically Ill Children and young Adults with Suspected SARS-CoV2 Infection. <i>Pediatr Research</i> July 30;1-10. DOI: 10.1038/s1038/s41390-021—1667-4. PMID: PMC8323541. <i>I participated in the study design, data collection and analysis, wrote a section of the manuscript and participated in final manuscript editing.</i>
*43.	Starr MC , Chaudhry P, Brock A, Vincent K, Twombly K, Bonachea MD, Mohamed T. Improving the Identification of Acute Kidney Injury in the Neonatal ICU: Three Center’s Experiences. <i>J Perinatol</i> 2022 Feb;42(2):243-246. DOI: 10.1038/s41372-021-01198-0. PMID: 34480111. <i>I conceptualized this study, recruited two other centers to participate and coordinated their data collection, performed the data analysis and drafted the manuscript.</i>
*‡44.	Hanson AE, P’Pool A, Starr MC , Byrne BJ. Decline in Pediatric Shelf Examination Performance During COVID-19. <i>Cureus</i> 2021 Oct 3;13(10):e18453. DOI: 10.7759/cureus/18453. <i>I helped with development of project, assisted with data analysis and critically reviewed the drafted manuscript.</i>
*45.	Starr MC , Charlton J, Guillet R, Reidy K, Jetton JG, Kent A, Abitol CL, Ambalavanan N, Mhanna M, Askenaz DJ, Selewski DT, Harer MW. Advances in Neonatal Acute Kidney Injury. <i>Pediatrics</i> 2021 Nov; 148(5):e2021051220. DOI: 10.1542/peds.2021-051220.

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‡ Denotes mentored trainee first author project

Ω Denotes diversity, equity and inclusion focus

	<i>I was asked to coordinate this review, outlined and directed writing, coordinated and reviewed all sections of the manuscript.</i>
*46.	Hukriede, Soranno D, Sander V, Perreau T, Starr MC , Peter Yuen, Siskind L, Hutchens M, Davidson A, Burmeister D, Faubel S, de Caestecker M. Experimental models of acute kidney injury for translational research. <i>Nature Rev Nephrol.</i> 2022 May;18(5):277-293. DOI: 10.1038/s41581-022-00539-2. PMID: 35173348. <i>I assisted with writing, created all figures and participated in drafting the final manuscript.</i>
*47.	Starr MC , Wilson AC. Systemic Hypertension in Infants with Bronchopulmonary Dysplasia. <i>Curr Hyperten Reports</i> 2022 Mar 10. DOI: 10.1007/s11906-022-01179-4. <i>I conceptualized this manuscript and drafted the manuscript.</i>
*Ω48.	Batte A, Menon S, Ssenkusu J, Kiguli S, Kalyesubula R, Lubega J, Mutebi EI, Opoka RO, John CC, Starr MC , Conry AL. Acute kidney injury in hospitalized children with sickle cell anemia. <i>BMC Nephrology</i> 2022 Mar 18;23(1):110. DOI:10.1186/s12882-022-02731-9. <i>I participated in the study design and analysis and final manuscript editing.</i>
*49.	Slagle C, Gist KM, Starr MC , Goldstein S, Kent AL. Fluid Homeostasis and Diuretic Therapy in the Neonate. <i>NeoReviews</i> 2022 Mar 1;23(3):e189-e204. DOI: 10.1542/neo.23-3-e189. PMID: 35229135. <i>I assisted with drafting of a section of the manuscript and participated in drafting the final manuscript.</i>
*50	Starr MC , Cater DT, Wilson AC, Wallace S, Bennett WEJr, Hains DS. Association Between Continuous Kidney Replacement Therapy Clearance and Outcome in Pediatric Patients with Hyperammonemia Not Due to Inborn Error of Metabolism. <i>Pediatr Crit Care Med.</i> 2022 Apr 5. DOI: 10.1097/PCC.0000000000002949. PMID: 35383692. <i>I conceptualized this study, performed the data analysis and drafted the manuscript.</i>
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*82.	Starr MC , Gist KM, Anton-Martin P, Bigelow AM, Cortina G, Deep A, De la Mata-Navazo S, Gelbart B, Gorga S, Guzzo I, Mah KE, Ollberding NJ, Shin HS, Thadani S, Uber A, Zang H, Zappitelli M, Menon S; WE-ROCK Investigators . Continuous Kidney Replacement Therapy and Survival in Children and Young Adults: Results from the Retrospective Multi-National WE-ROCK Collaborative. <i>Am J Kidney Dis</i> . 2024 Feb 14:S0272-6386(24)00610-3. doi: 10.1053/j.ajkd.2023.12.017. Epub ahead of print. PMID: 38364956. <i>I led this manuscript development including developing the analytic plan and drafting of the initial manuscript as part of the WE ROCK Collaborative.</i>

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*88.	

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2.	Starr MC , Woodhall D, Montgomery SP, Jones JE, Lum F, Read R, Moorthy R. Ocular Toxocariasis in Children: The Importance of Prevention Practices. American Association of Pediatrics Annual Meeting, Boston, MA. April 2012.
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*15	Starr MC , Arrowood H, Weston E, Chmielewski J, Hopwood A, Liberio B Soranno DE. Fluid Status Evaluation and Fluid Overload Recognition in Critically Ill Children and Infants. Midwest Society for Pediatric Research Annual Meeting, Chicago, IL. October 12, 2023.
*16.	Muff-Luett M, Webb TN, Pottanat ND, Starr MC , Thevarajah T, Carter CE, Hyatt DM, Alhamoud I, Lande M, Richardson KL, Piburn KH, Kim H, Crawford B, Ciccio EA, Villegas LA, Nelson-Taylor SK, High R, Sanderson K. Contemporary Infant and Neonatal Dialysis (COINED) Study: Practice Patterns and Outcomes. American Society of Nephrology 2023 Annual Meeting, Philadelphia, PA. November 4, 2023.
*#17.	Hanson AE, Seo JD, Mastropietro CW, Fuhrman D, Menon S, Gist K, Starr MC . Reintubation in critically ill children and young adults on continuous renal replacement therapy. Advances in Critical Care Nephrology Conference, San Diego, CA, March 13, 2024.
*#18.	Hopwood A, Starr MC , Malin S, Schade Willis TM. Standardized Approach to Reduce Fluid Overload (STARFLO). Advances in Critical Care Nephrology Conference, San Diego, CA, March 12, 2024.
*19.	Starr MC , Griffin R, Menon S, Gilley S, Gist K, Sanderson K, Patel M, Slagle C, Harer MW, Selewski DT, Askenazi DJ, Soranno DE. Acute Kidney Injury is Associated with Growth Abnormalities in Extremely Low Gestational Age Infants. Anticipated for Pediatric Academic Societies and American Society of Pediatric Nephrology Annual Meeting, May 2, 2024.
*#20.	Hanson AE, Seo JD, Mastropietro CW, Fuhrman D, Menon S, Gist K, Starr MC . Reintubation in critically ill children and young adults on continuous renal replacement therapy. Accepted for Pediatric Academic Societies and American Society of Pediatric Nephrology Annual Meeting, May 2, 2024.
*#21.	Goswami S, Gist K, Menon S, Soranno DE, Bjornstad P, Starr MC . Hyperglycemia and Kidney outcomes in Critically Ill Children and Young Adults on Continuous Renal Replacement Therapy. Accepted for Pediatric Academic Societies and American Society of Pediatric Nephrology Annual Meeting, May 2, 2024.

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*‡22	Hanson AE, Voivodas M, Burnham J, Cater D, Hobson J, Hains DS, Parsley J, Starr MC . When Time Is Everything: Reducing Time to Continuous Renal Replacement Therapy Initiation. Advances in Critical Care Nephrology Conference, San Diego, CA, March 13, 2024.
*‡23.	Goswami S, Gist K, Menon S, Soranno DE, Bjornstad P, Starr MC . Hyperglycemia and Kidney outcomes in Critically Ill Children and Young Adults on Continuous Renal Replacement Therapy. Advances in Critical Care Nephrology Conference, San Diego, CA, March 13, 2024.
*‡24.	Starr MC , Vanderkolk J, Goswami S, Soranno DE. Kidney Disease Awareness and Knowledge Among Families and Pediatric Survivors of Severe Acute Kidney Injury. Advances in Critical Care Nephrology Conference, San Diego, CA, March 12, 2024.
*25.	Muff-Luett M, Webb TN, Pottanat ND, Starr MC , Thevarajah T, Carter CE, Hyatt DM, Alhamoud I, Lande M, Richardson KL, Piburn KH, Kim H, Crawford B, Ciccio EA, Villegas LA, Nelson-Taylor SK, High R, Sanderson K. Contemporary Infant and Neonatal Dialysis (COINED) Study. Anticipated for Pediatric Academic Societies and American Society of Pediatric Nephrology Annual Meeting, May 2, 2024.

Poster Presentations (Selected)

1.	Charlton JR, Boohaker LJ, Brophy PD, Fuloria M, Rastogi S, Gien J, Ingraham S, Sarkar S, Ohls RK, Mian A, Hingorani S, Revenis M, D'Anio CT, Starr MC , Smith A, Rhee C, Griffin RJ, Askenazi DK, Kent AL. Risk factors for Neonatal Acute Kidney Injury: Results from the AWAKEN study. Pediatric Academic Society. April 30, 2016
2.	Chang I, Starr MC , Finn LS, Sun A, Hanevold C, Howell J, Hingorani SR, Lam C. Novel Variants in COQ2 in Primary Coenzyme Q10 Deficiency and Steroid-Resistant Nephrotic Syndrome. American College of Medical Genetics. March 23, 2017.
3.	Charlton JR, Boohaker LJ, Brophy PD, Fuloria M, Rastogi S, Gien J, Ingraham S, Sarkar S, Ohls RK, Mian A, Hingorani S, Revenis M, D'Anio CT, Starr MC , Smith A, Rhee C, Griffin RJ, Askenazi DK, Kent AL. Risk factors for Early Onset Neonatal Acute Kidney Injury: Results from the AWAKEN study. Pediatric Academic Society. May 7, 2017.
4.	Starr MC , Fisher K, Smires L, Thompson K, Thurber-Smith K, Hingorani S. Food Insecurity in Subspecialty Pediatric Patients: A Nephrology Outpatient Pilot Study. Pediatric Academic Society. May 7, 2017.
5.	Starr MC , Boohaker LJ, Eldredge L, Menon S, Griffin R, Mayock D, Askenazi D, Hingorani S. Acute Kidney Injury is Associated with Chronic Lung Disease in Late Preterm and Term Infants. Pediatric Academic Society. May 8, 2018.
6.	Starr MC , Boohaker LJ, Eldredge L, Menon S, Griffin R, Mayock D, Askenazi D, Hingorani S. Factors Associated with Chronic Lung Disease in Prematurely Born Infants: The Role of Acute Kidney Injury. Pediatric Academic Society. May 8, 2018.
7.	Charlton JR, Boohaker LJ, Brophy PD, Fuloria M, Rastogi S, Gien J, Ingraham S, Sarkar S, Ohls RK, Mian A, Hingorani S, Revenis M, D'Anio CT, Starr MC , Smith A, Rhee C, Griffin RJ, Askenazi DK, Kent AL. Outcomes and Risk factors of Late Onset Neonatal Acute Kidney Injury: Results from the AWAKEN study. Pediatric Academic Society. May 8, 2018.
8.	Starr MC , Reeder R, Banks R, Zimmerman J, Hingorani S. Acute Kidney Injury in Pediatric Sepsis is an Independent Risk Factor for Death and New Disability and Decreased Health Related Quality of Life. 3 rd International Symposium on Acute Kidney Injury in Children. October 12, 2018.
9.	Starr MC , Munshi R, Wightman A, Hingorani S. Prevalence and Impact of Food Insecurity in Children with End-Stage Renal Disease. American Society of Nephrology Annual Meeting, San Diego, CA. October 27, 2018.
10.	Starr MC , Kula A, Lieberman J, Lam T, Chabra S, Hingorani S. Improving the Recognition and Reporting of Acute Kidney Injury in the Neonatal Intensive Care Unit. American Society of Nephrology Annual Meeting, Washington, DC. November 8, 2019.
*‡11.	Chan M, Wilson AC, Pottanat ND, Starr MC . Food insecurity in children with ESRD on Hemodialysis: The Second Wave? American Society of Nephrology Annual Meeting, Poster presentation, presented electronically due to COVID pandemic on October 22, 2020.
*‡12.	Chmielewski J, Chaudhry P, Harer MW, Menon S, South AM, Chappell A, Griffin R, Askenazi D, Jetton J, Starr MC . Neonatal AKI is Poorly Documented at Discharge: Findings from the AWAKEN Cohort. Pediatric Academic Societies Annual Meeting, Poster presentation presented electronically due to COVID pandemic on May 1, 2021.

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*13.	Starr MC , Goldstein SL, Menon S, Askenazi D, Constantinescu, Piazza R, Kwiatkowski DM. Kidney Support in Children using Aquadex: A Prospective and Retrospective Registry. AKI & CRRT International Annual Meeting; San Diego, CA. March 7, 2022.
*14.	Starr MC , Wallace S, Geers E, Niehaus J, Cristea AI. Short- and Long-Term Kidney Outcomes in Children with Bronchopulmonary Dysplasia. American Society of Pediatric Nephrology Annual Meeting, Denver, CO. April 22, 2022.
*16.	Starr MC , Cater DT, Wilson AC, Wallace S, Bennett WE Jr, Hains DS. Association Between Continuous Kidney Replacement Therapy Clearance and Outcome in Pediatric Patients with Hyperammonemia Not Due to Inborn Error of Metabolism. American Society of Pediatric Nephrology Annual Meeting, Denver, CO. April 24, 2022.
*17.	Starr MC , Goldstein SL, Menon S, Askenazi D, Constantinescu, Piazza R, Kwiatkowski DM. Kidney Support in Children using Aquadex: A Prospective and Retrospective Registry. American Society of Pediatric Nephrology Annual Meeting, Denver, CO. April 24, 2022.
*18.	Starr MC , Griffin R, Gist KM, Segar JL, Raina R, Guillet R, Nesargi S, Menon S, Anderson N, Askenazi D, Selewski D. The Impact of Fluid Balance on Short- and Long-Term Respiratory Outcomes in Extremely Premature Neonates: Results from the PENUT Study. International Symposium on AKI in Children, Cincinnati, OH. October 1, 2022.
*19.	Starr MC , Altemose K, Parsley J, Cater D, Hains DS, Soranno DE. Safety and Timeliness of Remote Continuous Kidney Replacement Therapy Initiation Using Telemedicine. International Symposium on AKI in Children, Cincinnati, OH. October 1, 2022.
*20.	Menon S, Arikian AA, Fuhrman DY, Krallman K, Mottes T, Ricci Z, Selewski DS, Stanski N, Soranno DE, Starr MC , Zappitelli M, Gist KM, On behalf of WE-ROCK. Characteristics of liberation patterns in critical ill children receiving continuous kidney replacement therapy: An analysis of the Worldwide Exploration of Renal replacement Outcomes Collaborative in Kidney Disease (WE-ROCK). International Symposium on AKI in Children, Cincinnati, OH. October 1, 2022.
*21.	Menon S, Arikian AA, Fuhrman DY, Krallman K, Mottes T, Ricci Z, Selewski DS, Stanski N, Soranno DE, Starr MC , Zappitelli M, Gist KM, On behalf of WE-ROCK. Clinical characteristics of patients receiving continuous kidney replacement therapy: Preliminary report from the Worldwide Exploration of Renal replacement Outcomes Collaborative in Kidney Disease (WE-ROCK). International Symposium on AKI in Children, Cincinnati, OH. October 1, 2022.
*22.	Rumpel J, Perazzo S, Starr MC , Han R, Harer MW, South A, Stoops C, Bona J, Liu D, Nagal C. ADVANCE: Advancing care of neonates with acute kidney injury utilizing the Children's Hospital Neonatal Consortium Database. Association for Clinical and Translational Science.
*23.	Menon S, Collins M, Damian M, Fuhrman DY, Starr MC , Webb T, Krallman KA, Ollberding N, Zang H, Gist KM on behalf of WE-ROCK Investigators. Epidemiology and Outcomes of CRRT in Neonates and infants weighing less than 10 kg: An analysis of the Worldwide Exploration of Renal Replacement Outcomes Collaborative in Kidney Disease (WE-ROCK). AKI & CRRT International Annual Meeting; San Diego, CA. March 31, 2023.
*24.	Starr MC , Zang H, Balani SS, Kakajiwala A, Muff-Luett M, Slagle CL, Solomon S, Srivastana R, Ciccio EC, Kessel A, Joseph C, Gist KM, Menon S, on behalf of WE-ROCK Investigators. The Association of Clinical Characteristics, CRRT Prescription and Survival: An analysis of the Worldwide Exploration of Renal Replacement Outcomes Collaborative in Kidney Disease (WE-ROCK). AKI & CRRT International Annual Meeting; San Diego, CA. March 31, 2023.
*25.	Starr MC , Zang H, Balani SS, Kakajiwala A, Muff-Luett M, Slagle CL, Solomon S, Srivastana R, Ciccio EC, Kessel A, Joseph C, Gist KM, Menon S, on behalf of WE-ROCK Investigators. The Association of Patient and Technical Characteristics and Survival: A retrospective analysis of the Worldwide Exploration of Renal Replacement Outcomes Collaborative in Kidney Disease (WE-ROCK). Pediatric Academic Societies and American Society of Pediatric Nephrology Annual Meeting, Washington, DC. April 29, 2023.
*#26.	Zapata H, Todurkar N, Favel K, Charlton JR, Kulkarni T, McAdams R, Starr MC , Mammen C, Harer MW. Delayed cord clamping is not associated with decreased acute kidney injury in extremely premature neonates. Pediatric Academic Societies and American Society of Pediatric Nephrology Annual Meeting, Washington, DC. April 29, 2023
*27.	Rumpel J, Perazzo S, Starr MC , Han R, Harer MW, South A, Stoops C, Bona J, Liu D, Nagal C. ADVANCE: Advancing care of neonates with acute kidney injury utilizing the Children's Hospital Neonatal Consortium Database. Pediatric Academic Societies and American Society of Pediatric Nephrology Annual Meeting, Washington, DC. April 29, 2023.

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*28.	Starr MC , Altemose K, Parsley J, Cater DT, Hains DS, Soranno DE. Safety and Timeliness of Remote Initiation of Continuous Kidney Replacement Therapy using Telemedicine. Pediatric Academic Societies and American Society of Pediatric Nephrology Annual Meeting, Washington, DC. April 29, 2023.
*#29.	Todurkar N, Zapata H, Charlton JR, Kulkarni T, McAdams R, Starr MC , Mammen C, Harer MW, Favel K. Delayed cord clamping is associated with decreased estimated glomerular filtration at two-years in extremely premature neonates. Pediatric Academic Societies and American Society of Pediatric Nephrology Annual Meeting, Washington, DC.
*30.	Menon S, Collins M, Damian M, Fuhrman DY, Starr MC , Webb T, Krallman KA, Ollberding N, Zang H, Gist KM on behalf of WE-ROCK Investigators. Epidemiology and Outcomes of CRRT in Neonates and infants weighing less than 10 kg: An analysis of the Worldwide Exploration of Renal Replacement Outcomes Collaborative in Kidney Disease (WE-ROCK). Pediatric Academic Societies and American Society of Pediatric Nephrology Annual Meeting, Washington, DC. April 29, 2023.
*#31.	Jasuja I, Vanderkolk, J, Weston E, Arrowood HI; Vore A; Starr MC . Gender Differences in Question-Asking at the 2022 American Society of Nephrology Annual Kidney Week Meeting. Midwest Society for Pediatric Research, Chicago, IL. October 12, 2023.
*#32.	Goswami S, Starr MC , Cater D, Schwaderer AL. Does Kidney Echogenicity Correlate to eGFR in Pediatric AKI? American Society of Nephrology 2023 Annual Meeting, Philadelphia, PA. November 2, 2023.
*#33.	Goswami S, Starr MC , Cater D, Schwaderer AL. Is Kidney Echogenicity an Early Indicator of AKI Recovery? American Society of Nephrology 2023 Annual Meeting, Philadelphia, PA. November 2, 2023.
*#34.	Culley K, Rahring A, Rowan CM, Skiles JL, Hains DS, Starr MC . Severe AKI and CKD are Common in Children with Veno-Occlusive Disease Following Bone Marrow Transplantation. American Society of Nephrology 2023 Annual Meeting, Philadelphia, PA. November 2, 2023.
*35.	Rumpel J, Perazzo S, Starr MC , Han R, Harer MW, South A, Stoops C, Bona J, Liu D, Nagal C. Racial Disparities in In-Hospital Mortality and Acute Kidney Injury in Infants Admitted to the Neonatal Intensive Care Unit. Accepted for Pediatric Academic Societies and American Society of Pediatric Nephrology Annual Meeting, May 2, 2024.
*#36	Chmielewski JL, Martin LJ, Starr MC . Identifying a Shorter Time Period for Neoantial Urine Output Monitoring. Accepted for Pediatric Academic Societies and American Society of Pediatric Nephrology Annual Meeting, May 2, 2024.
*#37	Chmielewski JL, Soranno DE, Liberio B, Selewski DT, Starr MC . The ANCHOR Fluid Balance Calculator: Development and pilot testing of a novel fluid calculator for use in infants. Accepted for Pediatric Academic Societies and American Society of Pediatric Nephrology Annual Meeting, May 2, 2024.
*38.	Patel M, Soranno DE, Starr MC , Gbadegesin R. Acute kidney injury is associated with early poor growth in preterm neonates. Accepted for Pediatric Academic Societies and American Society of Pediatric Nephrology Annual Meeting, May 2, 2024.
*39.	Odum R, Starr MC , Knight C, Shaw A, Basile DP, Soranno DE. Trauma of Origin – The Impact of Maternal Acute Kidney Injury on Progeny. Advances in Critical Care Nephrology Conference, San Diego, CA, March 12, 2024.

Non-Peer Reviewed Publications

*1.	Starr MC , Sanderson K, Mohamed T (2020). Neonatal Nephrology. <i>Kidney News</i> .
*2.	Mohamed T, Starr MC , Menon S (2022). Extreme Prematurity and Kidney Outcomes: Should We Care? <i>Kidney News</i> .
*3	Harer MW, Charlton JR, Starr MC . Early Treatment of Patent Ductus Arteriosus with Ibuprofen. <i>N Engl J Med</i> . 2024 Apr 4;390(13):1246-1247. doi: 10.1056/NEJMc2402383. PMID: 38598590.

Media Dissemination of Research

*1.	Perri Klass MD “The Impact of Disparities on Children’s Health” June 15, 2020. https://www.nytimes.com/2020/06/15/well/family/the-impact-of-disparities-on-childrens-health.html <i>My research on disparities and social determinants of health in children with kidney disease was mentioned in this New York Times article on the front page of the Health and Wellness Section.</i>
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Book Chapters

*1.	Starr MC , Hingorani SR (2018). Approach to the Pediatric Patient with Chronic Kidney Disease, In: Chronic Kidney Disease, Dialysis and Transplantation, 4 th edition. Ed: Himmelfarb J, Ikizler TA.
*2.	Starr MC , Menon S (2020). Acid-Base Disorders, In: Pediatric Critical Care, 6 th ed. Ed: Zimmerman, J.
*3.	Starr MC , Mohammed T, Askenazi D (2022). Neonatal Kidney Disease, In: Pediatric Nephrology, 4 th ed.
*4.	Starr MC , Turner M, Ahrendsen E, Wong MV, Soranno D (2023). Neonatal Nephrology, In: Merenstein & Gardner's Handbook of Neonatal Intensive Care, 10e. (in press).
*5.	Starr MC , Slagle C, Soranno DE (2024). Defining AKI in Pediatrics, In: Lessons from the ICU: Acute Kidney Injury and Renal Replacement Therapy in ICU, 1e (in press).
*6.	Steflik H, Starr MC , Selewski DT, Harer MW (2024). Pathophysiology of Neonatal Acute Kidney Injury, in Fetal and Neonatal Physiology, 7e (in press).
*7.	Starr MC , Mohamed T, Askenazi DJ (2024). Neonatal Nephrology, In: Clinical Paedriac Nephrology, 4e (in press)

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