



Kara Kuhn-Riordon, M.D.

Clinical Interests

Dr. Riordon is a neonatologist with interest in improving the care of critically ill neonates using technology. She is interested in improving the delivery of maternal breast milk to infants and improving breast milk nutrition utilizing human milk analysis and targeted fortification. Dr. Riordon is also interested in the use of neonatal point of care ultrasound (POCUS) and is active in teaching fellows, nurse practitioners, and faculty how to utilize this powerful tool. Additionally, Dr. Riordon is interested in improving the care of opioid exposed neonates, especially those who go on to develop neonatal abstinence syndrome. Dr. Riordon is a strong advocate for working together with families to provide the best care for their baby.

Research/Academic Interests

Dr. Riordon is a neonatologist with interest in improving the care of critically ill neonates using technology. Her ongoing projects are as follows:

- Human milk analysis and targeted fortification in the NICU - Clinical Project with QI focus
- Optimizing Pregnancy and Infant Outcomes In Drug (OPIOID) Addiction ECHO Clinic – improving care of pregnant and parenting women with opioid use disorder (OUD) and their opioid exposed neonates in rural Northern CA communities.
- Cohort Study of Premature Infants – Study aimed at creating a biorepository of samples from premature infants including stool, urine, breast milk, and serum to look at microbiota, metabolomics, and milk analysis to better understand difference in growth, CLD, among other conditions.
- Ongoing development and improvement of neonatal Point of Care Ultrasound (POCUS) Curriculum.
- Co-Director of the Neonatal Fellow Quality Improvement projects

Title Health Sciences Associate Clinical Professor

Specialty Neonatology, Pediatrics

Department [Pediatrics](#)

Division Neonatology

Center/Program Affiliation [UC Davis Children's Hospital](#)

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Education M.D., St. Louis University School of Medicine, St. Louis MO 2011
B.S., UC Davis, Davis CA 2006

Internships Pediatrics, UC Davis Medical Center, Sacramento CA 2011-2012

Residency Pediatrics, UC Davis Medical Center, Sacramento CA 2012-2014

Fellowships Neonatal-Perinatal, UC Davis Medical Center, Sacramento CA 2014-2017

Board Certifications American Board of Pediatrics

Professional Memberships Alpha Omega Alpha
American Academy of Pediatrics
American Institute of Ultrasound in Medicine
Phi Sigma Biological Honor Society

Honors and Awards Enhancing and Transforming Care in the Neonatal Intensive Care Unit with Point of Ultrasound Grant awarded by the Children's Miracle Network, 2015
WAFMR/WAP Outstanding Resident Award Winner, 2014
Alpha Omega Alpha Medical Honor Society Member, 2010
Phi Sigma Biological Honor Society Member (Gamma Delta Chapter), 2006

Select Recent Publications To see a full list of publications for Dr. Kara Kuhn-riordon, please click [here](#).

Cheema R, Partridge E, Kair LR, Kuhn-Riordon KM, Silva AI, Bettinelli ME, Chantry CJ, Underwood MA, Lakshminrusimha S, Blumberg D. Protecting Breastfeeding during the COVID-19 pandemic. *Am J Perinatol*. 2020 Jul 21. doi:10.1055/s-0040-1714277.

Haynes SC, Dharmar M, Hill BC, Hoffman KR, Donahue LT, Kuhn-Riordon KM, Rottkamp CA, Vali P, Tancredi DJ, Romano PS, Steinhorn R, Marciniak JP. The Impact of Telemedicine on Transfer Rates of Newborns at Rural Community Hospitals. *Acad Pediatr*. 2020 Jul;20(5):636-641. doi: 10.1016/j.acap.2020.02.013. Epub 2020 Feb 17. PMID:32081766.



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McGahan J, Schnick M, Mills L, Kuhn-Riordon K, et al. Fundamentals of Emergency Ultrasound, Elsevier. (Book Chapter) 2017.

Kuhn-Riordon K, Wiedeman J, Nguyen H, Natale J, Tancredi D. Reduction of Clostridium Difficile Infection Using Antimicrobial Stewardship in a Children's Hospital within a Hospital. J Investigative Med. 2014 Jan;62(1).

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