Society for Pediatric Research

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Fung, Camille

Camille Fung, MD is an Assistant Professor in the Division of Neonatology in Pediatrics at the University of Utah School of Medicine. In addition to being a practicing neonatologist in three level III-IV NICUs in Salt Lake City, she has multiple academic interests that revolve around maximizing neurodevelopmental outcomes of infants. She spends a significant amount of time in her basic science lab elucidating the mechanisms behind why fetuses who suffer intrauterine growth restriction (IUGR) are predisposed to learning and memory deficits in postnatal life using a mouse model of hypertensive disease of pregnancy that she created. In particular, she is examining how IUGR alters neurogenesis in the hippocampus, a brain structure critical for learning and memory function. Besides understanding learning and memory deficits, she maintains other collaborations with investigators both within and outside of the University of Utah to understand other cardiorespiratory, metabolic, and gastrointestinal consequences of the growth-restricted offspring. She has additionally worked on a quality improvement project aimed at unifying and improving the outcomes and management of infants born with neonatal abstinence syndrome (NAS) due to in utero opioid exposure. She has created a care process model with the help of a multidisciplinary team both at Intermountain Healthcare and University of Utah Healthcare that is now implemented across the State of Utah to manage the majority of infants with NAS. This state-wide spread has earned her a medical director position within the Neonatal Subcommittee of the Utah Women & Newborns Quality Collaborative headed by the Utah Department of Health. Her other accomplishment has been to act as the course director for the Utah Division of Occupational Licensing (DOPL) mandated opioid prescribing education for all Utah licensed opioid prescribers. This educational course is revised every 2 years based on DOPL requirements with the most recent version involving a total of 10 University of Utah faculty as content experts. This course not only satisfies Utah licensure requirement but also earns learners CME and MOC credits through American Boards of Internal Medicine, Pediatrics, and Anesthesiology.