



Erin Brown, M.D.

Clinical Interests	Dr. Brown is a pediatric surgeon at UC Davis Children's Hospital and the adjoining Shriners Hospital for Children - Northern California, where she treats neonates, infants, children and adolescents with a wide range of conditions and congenital malformations. She specializes in minimally invasive surgery, thoracic surgery, oncology, fetal intervention, and trauma.
Research/Academic Interests	Dr. Brown's current research interests include developing better systems for improving quality and value of care for pediatric patients, both in terms of better metrics for assessment of quality as well as developing processes to improve outcomes. She is also participating in research to improve outcomes in fetal and neonatal surgery.
Title	Assistant Professor
Specialty	Pediatric Surgery, Surgery - Pediatric, Fetal Intervention
Department	Surgery
Division	Pediatric Surgery
Center/Program Affiliation	Trauma Program UC Davis Children's Hospital
Address/Phone	UC Davis Children's Hospital, 2315 Stockton Blvd. Sacramento, CA 95817 Phone: 800-282-3284 Shriners Hospital for Children, 2425 Stockton Blvd. Sacramento, CA 95817 Phone: 916-453-2180
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Education	M.D., UC Davis School of Medicine, 2009 B.S., Human Biology, Stanford University, 2005
Residency	General Surgery, UC Davis Medical Center, 2009-2016
Fellowships	Pediatric Surgery, Children's Hospital of Philadelphia, 2016-2018 Fetal Research, UC Davis Medical Center, 2012-2014



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Board Certifications American Board of Surgery - General Surgery

Professional Memberships American Academy of Pediatrics
American College of Surgeons
American Pediatric Surgical Association

Honors and Awards Alpha Omega Alpha Medical Honor Society (2008), 2008

Select Recent Publications Brown EG, Saadai P, Pivetti CD, et al. 'In utero repair of myelomeningocele with autologous amniotic membrane in the fetal lamb model.' JPS. 2014; 49: 133-138.

Brown EG, Galante JM, Keller BA, et al. "Pregnancy-related attrition in a general surgery residency: fact or fiction?" JAMA Surg. 2014; 149: 893-7.

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Brown EG, Keller BA, Pivetti CD, et al. "Development of a Locomotor Rating Scale for Testing Motor Function in Sheep." J Pediatr Surg. 2015; 50: 617-21.

Wang A, Brown EG, Lankford L, et al. "Placental mesenchymal stromal cells rescue ambulation in ovine myelomeningocele." Stem Cell Trans. 2015; 4: 1-11.

Brown EG, Keller BA, Pivetti CD, et al. "Innate Healing In The Fetal Sheep Model of Myelomeningocele: A Standardized Defect Grading System." J Pediatr Surg. 2015; 50: 1134-6.

Brown EG, Keller BK, Pivetti, CD, et al. "Age does matter: a comparison of placenta-derived stem cells for in utero repair of fetal myelomeningocele in the fetal lamb model." Fetal Diagn Ther. 2016; 39: 179-85.



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