



## Janene Fuerch

Clinical Assistant Professor, Pediatrics - Neonatal and Developmental Medicine

 Curriculum Vitae available Online

### CLINICAL OFFICES

- **Pediatrics**

725 Welch Rd

MC 5208

Palo Alto, CA 94304

**Tel** (650) 497-8000

**Fax** (650) 497-8001

### Bio

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#### BIO

Janene H. Fuerch, MD is a Clinical Assistant Professor of Neonatology at Stanford University Medical Center, as well as an innovator, educator, researcher and physician entrepreneur. She has an undergraduate degree in Neuroscience from Brown University and a medical degree from the Jacobs School of Medicine at SUNY Buffalo. At Stanford University she completed a pediatrics residency, neonatal-perinatal medicine fellowship and the Byers Center for Biodesign Innovation Fellowship.

She is the Assistant Director of the Stanford Biodesign Faculty Innovation Fellowship, Assistant Director for the UCSF-Stanford Pediatric Device Consortium funded by the FDA and core faculty at the Center for Pediatric and Perinatal Education or CAPE (a specialized simulation center at Stanford). Janene conducts simulation and debriefing training programs for international audiences and has developed the first on-line debriefing curriculum. She is also the co-founder of Emme - a women's reproductive health company. Her research focuses on the following areas: utilization of a simulated environment to develop and test neonatal medical devices, neonatal resuscitation, human factors and debriefing. Janene is passionate about improving the health of women and children through medical device innovation and research.

#### CLINICAL FOCUS

- Neonatal-Perinatal Medicine

#### ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Pediatrics - Neonatal and Developmental Medicine
- Member, Maternal & Child Health Research Institute (MCHRI)

#### ADMINISTRATIVE APPOINTMENTS

- Associate Director of Neonatal Resuscitation, Stanford Children's Health, (2019- present)
- Assistant Director, Biodesign Faculty Fellowship, Stanford Byers Center for Biodesign, (2018- present)
- Stanford Assistant Director, Program Development, UCSF-Stanford Pediatric Device Consortium, (2018- present)

## BOARDS, ADVISORY COMMITTEES, PROFESSIONAL ORGANIZATIONS

- Advisor, EmpoHealth (2020 - present)
- Consulting Medical Director, D-Rev (2019 - present)
- Medical Advisor, Novonate (2017 - present)
- Co-Founder, EMME (2017 - present)
- Medical Advisor, Keriton (2017 - 2019)

## PROFESSIONAL EDUCATION

- Board Certification: Neonatal-Perinatal Medicine, American Board of Pediatrics (2018)
- Fellowship: Lucile Packard Children's Hospital at Stanford University Medical Center CA
- Board Certification: Pediatrics, American Board of Pediatrics (2013)
- Residency: Lucile Packard Children's Hospital (2013) CA
- Medical Education: State University of New York at Buffalo School of Medicine (2010) NY
- MD, Lucile Packard Children's Hospital at Stanford University , Neonatal-Perinatal Medicine (2016)
- MD, Lucile Packard Children's Hospital at Stanford University , Pediatrics Resident (2013)
- MD, SUNY Buffalo School of Medicine and Biomedical Sciences , Medicine (2010)
- BS, Brown University , Neuroscience (2003)

## Research & Scholarship

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### PROJECTS

- Improving diagnostic accuracy and efficiency by optimization of bedside data display: A human factors approach - Stanford University

## Publications

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### PUBLICATIONS

- **Novel Neonatal Umbilical Catheter Protection and Stabilization Device in In vitro Model of Catheterized Human Umbilical Cords: Effect of Material and Venting on Bacterial Colonization.** *American journal of perinatology*  
Wood, L. S., Fuerch, J. H., Dambkowski, C. L., Chehab, E. F., Torres, S., Shih, J. D., Venook, R., Wall, J. K.  
2019
- **Developing safe devices for neonatal care.** *Seminars in perinatology*  
Fuerch, J. H., Sanderson, P., Barshi, I., Liley, H.  
2019: 151176
- **Ergonomic Challenges Inherent in Neonatal Resuscitation.** *Children (Basel, Switzerland)*  
Yamada, N. K., Fuerch, J. H., Halamek, L. P.  
2019; 6 (6)
- **Simulation-Based Patient-Specific Multidisciplinary Team Training in Preparation for the Resuscitation and Stabilization of Conjoined Twins** *AMERICAN JOURNAL OF PERINATOLOGY*  
Yamada, N. K., Fuerch, J. H., Halamek, L. P.  
2017; 34 (6): 621-626
- **Simulation-Based Patient-Specific Multidisciplinary Team Training in Preparation for the Resuscitation and Stabilization of Conjoined Twins.** *American journal of perinatology*  
Yamada, N. K., Fuerch, J. H., Halamek, L. P.  
2016: -?
- **Impact of Standardized Communication Techniques on Errors during Simulated Neonatal Resuscitation.** *American journal of perinatology*

Yamada, N. K., Fuerch, J. H., Halamek, L. P.  
2016; 33 (4): 385-392

- **Modification of the Neonatal Resuscitation Program Algorithm for Resuscitation of Conjoined Twins.** *American journal of perinatology*  
Yamada, N. K., Fuerch, J. H., Halamek, L. P.  
2016; 33 (4): 420-424
- **Impact of a novel decision support tool on adherence to Neonatal Resuscitation Program algorithm** *RESUSCITATION*  
Fuerch, J. H., Yamada, N. K., Coelho, P. R., Lee, H. C., Halamek, L. P.  
2015; 88: 52-56
- **The Neonatal Resuscitation Program: Current Recommendations and a Look at the Future** *INDIAN JOURNAL OF PEDIATRICS*  
Kumar, P., Yamada, N. K., Fuerch, J. H., Halamek, L. P.  
2014; 81 (5): 473-480
- **A randomized trial of the effects of reducing television viewing and computer use on body mass index in young children** *ARCHIVES OF PEDIATRICS & ADOLESCENT MEDICINE*  
Epstein, L. H., Roemmich, J. N., Robinson, J. L., Paluch, R. A., Winiewicz, D. D., Fuerch, J. H., Robinson, T. N.  
2008; 162 (3): 239-245