



Steven Seth Lipman

Clinical Associate Professor, Anesthesiology, Perioperative and Pain Medicine

CLINICAL OFFICE (PRIMARY)

- **Anesthesia Department**

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ACADEMIC CONTACT INFORMATION

- **Alternate Contact**

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Bio

BIO

The thematic focus of my clinical work and research centers on Women's Health. In the clinical domain, I care for patients spanning the continuum of conception through birth and afterwards, such as patients requiring assisted reproductive technologies at the REI Clinic, parturients presenting to Labor & Delivery, and patients requiring gynecologic or breast surgical procedures. In the research domain, I have previously been interested in the ways in which team performance and facility factors can affect patient safety as they relate to Women's and Neonatal Health. As a result, my scholarly publications have been related to obstetric simulation and team performance and maternal cardio-pulmonary resuscitation. After 6 years in private practice in Southern California, I've returned to The Farm as Program Director of the Obstetric Anesthesia Fellowship. In this next phase of my career, I'm going to focus my energies on mentoring fellows on the labor unit.

CLINICAL FOCUS

- Anesthesia, Obstetrical
- Anesthesia

ACADEMIC APPOINTMENTS

- Clinical Associate Professor, Anesthesiology, Perioperative and Pain Medicine

ADMINISTRATIVE APPOINTMENTS

- Evaluation of the curriculum and program administration of fellowship, PEC: Division of Obstetric Anesthesia, (2013- present)
- Review performance for ABA RTID progress reports & milestones, CCC: Division of Obstetric Anesthesia, (2013- present)
- Patient Safety Committee, Society for Obstetric Anesthesia & Perinatology, (2011- present)
- Manuscript Review, Anesthesiology Research & Practice, (2010- present)
- Manuscript Review, Anesthesia & Analgesia, (2008- present)
- Manuscript Review, Simulation in Healthcare, (2008- present)
- Manuscript Review, International Journal of Obstetric Anesthesia, (2005- present)

- Co-Director of OBSim Obstetric Crisis Training Course, Division of Obstetric Anesthesia, (2005- present)
- Labor & Delivery Safety Committee, Lucile Packard at Stanford Childrens Hospital, (2005- present)
- Resident Advisor, Dept of Anesthesia, (2004- present)

HONORS AND AWARDS

- Outstanding Interdepartmental Faculty Professor, Stanford University School of Medicine Dept of Obstetrics and Gynecology Residents (June 2016)
- Nominated for for Alwin C. Rambar-James B.D. Mark Award for Excellence in Patient Care, LPCH (April 2015)
- Outstanding Interdepartmental Faculty Professor, Stanford University School of medicine Department of Obstetrics & Gynecology (June 2014)
- Co-author for 2015 AHA First Scientific Statement on Maternal Cardiac Arrest, American Heart Association (November 2013)
- Invitation for oral presentation for best paper of the meeting competition, Society of Obstetric Anesthesia & Perinatology (April 2011)
- Kaiser Award for Innovation in Medical Education (With Kay Daniels MD), Stanford University School of Medicine (June 2009)
- Outstanding Interdepartmental Faculty Professor, Stanford University Department of Gynecology & Obstetrics (June 2007)
- Outstanding Interdepartmental Faculty Professor, Stanford University Department of Gynecology & Obstetrics (June 2003)

PROFESSIONAL EDUCATION

- Fellowship: Stanford University School of Medicine CA
- Medical Education: Medical University of South Carolina (1996) SC
- Board Certification: Anesthesia, American Board of Anesthesiology (2002)
- Residency: Stanford University Medical Center (2001) CA
- Internship: Oregon Health Sciences Univ Hospital (1997) OR
- MOCA Written Exam, American Board of Anesthesiology , ABA Maintenance of Certification (2009)
- Fellowship, Stanford Dept of Anesthesia , Obstetric Anesthesia (2002)
- Bachelor of Arts, Duke University , English (1988)

COMMUNITY AND INTERNATIONAL WORK

- Expectant Parents lectures, Lucile Packard Childrens Hospital Auditorium
- Interplast, Campo Grande, Brazil

Teaching

GRADUATE AND FELLOWSHIP PROGRAM AFFILIATIONS

- Anesthesia (Fellowship Program)

Publications

PUBLICATIONS

- **Analyzing the heterogeneity of labor and delivery units: A quantitative analysis of space and design** *PLOS ONE*
Austin, N., Kristensen-Cabrera, A., Sherman, J., Schwandt, D., McDonald, A., Hedli, L., Sie, L., Lipman, S., Daniels, K., Halamek, L. P., Lee, H. C.
2018; 13 (12)
- **Cardiac Arrest: Obstetric CPR/ACLS.** *Clinical obstetrics and gynecology*
Cobb, B., Lipman, S.
2017
- **Opportunities to Foster Efficient Communication in Labor and Delivery Using Simulation.** *AJP reports*
Daniels, K., Hamilton, C., Crowe, S., Lipman, S. S., Halamek, L. P., Lee, H. C.
2017; 7 (1): e44-e48

- **Building Comprehensive Strategies for Obstetric Safety: Simulation Drills and Communication.** *Anesthesia and analgesia*
Austin, N., Goldhaber-Fiebert, S., Daniels, K., Arafeh, J., Grenon, V., Welle, D., Lipman, S.
2016; 123 (5): 1181-1190
- **Checklists and multidisciplinary team performance during simulated obstetric hemorrhage.** *International journal of obstetric anesthesia*
Hilton, G., Daniels, K., Goldhaber-Fiebert, S. N., Lipman, S., Carvalho, B., Butwick, A.
2016; 25: 9-16
- **An Update on the American Heart Association Scientific Statement on Cardiac Arrest in Pregnancy published in Circulation October 2015**
Cobb, B., Steve, L.
Society of Obstetric Anesthesia & Perinatology. Society of Obstetric Anesthesia & Perinatology Winter 2016 Newsletter.
2016
- **Cardiac Arrest in Pregnancy: A Scientific Statement From the American Heart Association.** *Circulation*
Jeejeebhoy, F. M., Zelop, C. M., Lipman, S., Carvalho, B., Joglar, J., Mhyre, J. M., Katz, V. L., Lapinsky, S. E., Einav, S., Warnes, C. A., Page, R. L., Griffin, R. E., Jain, et al
2015; 132 (18): 1747-1773
- **Intact Survival After Obstetric Hemorrhage and 55 Minutes of Cardiopulmonary Resuscitation. A & A case reports**
Anast, N., Kwok, J., Carvalho, B., Lipman, S., Flood, P.
2015; 5 (1): 9-12
- **The society for obstetric anesthesia and perinatology consensus statement on the management of cardiac arrest in pregnancy.** *Anesthesia and analgesia*
Lipman, S., Cohen, S., Einav, S., Jeejeebhoy, F., Mhyre, J. M., Morrison, L. J., Katz, V., Tsen, L. C., Daniels, K., Halamek, L. P., Suresh, M. S., Arafeh, J., Gauthier, et al
2014; 118 (5): 1003-1016
- **Multidisciplinary simulation drills improve efficiency of emergency medication retrieval.** *Obstetrics and gynecology*
Daniels, K., Clark, A., Lipman, S., Puck, A., Arafeh, J., Chetty, S.
2014; 123: 143S-4S
- **Response times for emergency cesarean delivery: use of simulation drills to assess and improve obstetric team performance** *JOURNAL OF PERINATOLOGY*
Lipman, S. S., Carvalho, B., Cohen, S. E., Druzin, M. L., Daniels, K.
2013; 33 (4): 259-263
- **Transport Decreases the Quality of Cardiopulmonary Resuscitation During Simulated Maternal Cardiac Arrest** *ANESTHESIA AND ANALGESIA*
Lipman, S. S., Wong, J. Y., Arafeh, J., Cohen, S. E., Carvalho, B.
2013; 116 (1): 162-167
- **Labor Room Setting Compared With the Operating Room for Simulated Perimortem Cesarean Delivery A Randomized Controlled Trial** *OBSTETRICS AND GYNECOLOGY*
Lipman, S., Daniels, K., Cohen, S. E., Carvalho, B.
2011; 118 (5): 1090-1094
- **The Case for OBLs: A Simulation-based Obstetric Life Support Program** *SEMINARS IN PERINATOLOGY*
Lipman, S. S., Daniels, K. I., Arafeh, J., Halamek, L. P.
2011; 35 (2): 74-79
- **Deficits in the provision of cardiopulmonary resuscitation during simulated obstetric crises** *AMERICAN JOURNAL OF OBSTETRICS AND GYNECOLOGY*
Lipman, S. S., Daniels, K. I., Carvalho, B., Arafeh, J., Harney, K., Puck, A., Cohen, S. E., Druzin, M.
2010; 203 (2)
- **Accidental intrathecal sufentanil overdose during combined spinal-epidural analgesia for labor** *INTERNATIONAL JOURNAL OF OBSTETRIC ANESTHESIA*
Coleman, L., Carvalho, B., Lipman, S., Schmiesing, C., Riley, E.
2009; 18 (1): 78-80

- **Use of Simulation Based Team Training for Obstetric Crises in Resident Education** *SIMULATION IN HEALTHCARE*
Daniels, K., Lipman, S., Harney, K., Arafah, J., Druzin, M.
2008; 3 (3): 154-160
- **Development and Implementation of Simulation Based Training for Obstetric Crises in Resident Education** *Simulation In Healthcare*
Daniels K, Lipman S, J Arafah, K Harney, Druzin M
2008; 3 (3): 154-160
- **Intraoperative forced air-warming during cesarean delivery under spinal anesthesia does not prevent maternal hypothermia** *ANESTHESIA AND ANALGESIA*
Butwick, A. J., Lipman, S. S., Carvalho, B.
2007; 105 (5): 1413-1419
- **Patient preferences for anesthesia outcomes associated with Cesarean delivery** *ANESTHESIA AND ANALGESIA*
Carvalho, B., Cohen, S. E., Lipman, S. S., Fuller, A., Mathusamy, A. D., Macario, A.
2005; 101 (4): 1182-1187
- **"Ultra-light" patient-controlled epidural analgesia during labor: effects of varying regimens on analgesia and physician workload** *INTERNATIONAL JOURNAL OF OBSTETRIC ANESTHESIA*
Carvalho, B., Cohen, S. E., Giarrusso, K., Durbin, M., Riley, E. T., Lipman, S.
2005; 14 (3): 223-229
- **The demise of general anesthesia in obstetrics revisited: prescription for a cure** *INTERNATIONAL JOURNAL OF OBSTETRIC ANESTHESIA*
Lipman, S., Carvalho, B., Brock-Utne, J.
2005; 14 (1): 2-4